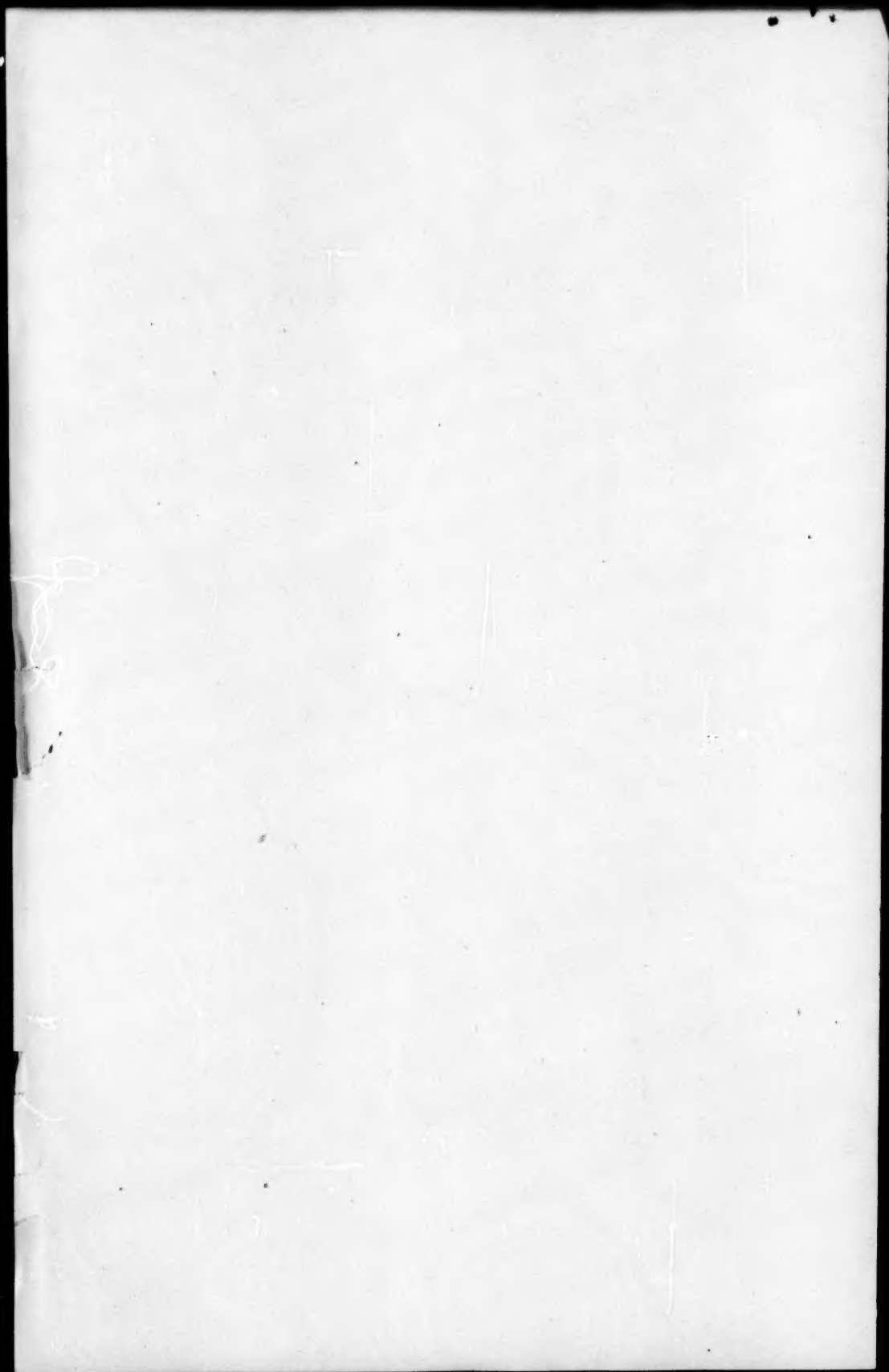


**A.M.A. ARCHIVES OF
PATHOLOGY**

VOLUME 69

JANUARY THROUGH JUNE, 1960

AMERICAN MEDICAL ASSOCIATION Publication



AUTHOR AND TITLE INDEX TO VOLUME 69

In this Index in alphabetical order are the names of the authors of all articles, followed by the title of the article and the page numbers on which their articles begin. Page numbers in the Index refer to bold face (dark) numbers in the text.

For Subject Index see page [759].

A

- Alfin-Slater, R. B.:** See **Brat, V.**, jt. auth.
Altschul, R., and Fedoroff, M. E.: Hypercholesteremia in prairie gopher (ground squirrel), 689
Anderson, F. O.: See **Sokoloff, L.**, jt. auth.
Antonovych, T. T.: See **Berman, L. B.**, jt. auth.
Arden, A.: See **Jennings, F. L.**, jt. auth.
Auditore, J. V.; **Hartmann, R. C.;** **Flexner, J. M., and Balchum, O. J.:** Erythrocyte acetylcholinesterase enzyme in paroxysmal nocturnal hemoglobinuria, 534

B

- Balchum, O. J.:** See **Auditore, J. V.**, jt. auth.
Barker, B. E.: See **Fanger, H.**, jt. auth.
Batsakis, J. G., and Johnson, H. A.: Generalized scleroderma involving lungs and liver with pulmonary adenocarcinoma, 633
Nishiyama, R. H., and Rich, C. R.: Microlithiasis (calcospherites) and carcinoma of thyroid gland, 493
Beber, B. A.; **Landing, B. H., and Sutherland, J. M.:** Mast cell content of placental tissue, 531
Bencosme, S. A.; **Stone, R. S.;** **Latta, H., and Madden, S. C.:** Acute tubular and glomerular lesions in rat kidneys after uranium injury, 470
Berdjis, C. C.: Cortisone and radiation: III. histopathology of effect of cortisone on irradiated rat kidney, 431
Berman, L. B.; **Antonovych, T. T., and Duke, J.:** Glomerular abnormalities in tuberculosis, 278
Bernick, S.: See **Patek, P. R.**, jt. auth.
Beswick, I. P., and Schatzki, P. F.: Experimental renal papillary necrosis, 733
Bevans, M.: See **Patek, A. J., Jr.**, jt. auth.
Bird, R. M.: See **Jaques, W. E.**, jt. auth.
Black-Schaffer, B., and Hensley, G. T.: Protection against acceleration by immersion during hypothermic suspended animation, 499
Bolten, K. A.: See **Jaques, W. E.**, jt. auth.
Bowden, D. H., and Goyer, R. A.: Size of muscle fibers in infants and children, 188
Bradford, R. H.; **Howard, R. P.;** **Joel, W., and Shetlar, M. R.:** Antagonistic effects of parathyroid extract and cortisone: effects on serum protein and glycoprotein fractions and on renal calcification, 382
Bramhall, J. L.: See **Ruebner, B.**, jt. auth.
Brat, V.; **Shull, R.;** **Alfin-Slater, R. B., and Ershoff, B. H.:** Occurrence of osteoporosis in mice with muscular dystrophy, 649
Braunstein, H.: Histochemical study of adult aorta, 617
Broitman, S. A.: See **Gottlieb, L. S.**, jt. auth.
Brown, N. J.: See **Michaels, L.**, jt. auth.
Burgess, S. B.: Supernumerary kidney: report of case, 154

C

- Capers, T. H., and Race, G. J.:** Primary aldosteronism without adrenal adenomata: report of case, 142
Chaikoff, I. L.: See **Potter, G. D.**, jt. auth.
Chomet, B.; **Hart, L. M., and Reindl, F. J.:** Demonstration of esophageal varices by simple technique, 185
Coers, C. R.: See **Norman, T. D.**, jt. auth.
Congdon, C. C., and Hollaender, A.: Experimental applications of bone marrow transplantation, 605
Correa, P.: See **Welsh, R. A.**, jt. auth.
Cory-Wright, M.: See **Michaels, L.**, jt. auth.
Cress, H. V.: See **Forbus, W. D.**, jt. auth.
 See **Smith, A. G.**, jt. auth.
Crowley, L. V., and Page, H. G.: Adenocarcinoma arising in presacral enterogenous cyst, 64
Culling, C. F. A.: See **Vassar, P. S.**, jt. auth.
Curran, J.; **Thomas, W. A., and O'Neal, R. M.:** Introduction of fat into thrombi: experimental study, 270

D

- Dalgaard, J. B.: Cerebral vascular lesions and peptic ulceration, 359
- Dass, C. M. S.: See Valdivia, E., *jt. auth.*
- de Fritsch, N.: See Patek, A. J., Jr., *jt. auth.*
- Drickman, A., and Hodges, J. H.: Carcinoid of Meckel's diverticulum: report of case and review of literature, 701
- Duke, J.: See Berman, L. B., *jt. auth.*

E

- Edwards, R. H.; Sarmenta, S. S., and Hass, G. M.: Stimulation of granulation tissue growth by tissue extracts: study in intramuscular wounds in rabbits, 286
- Enzinger, F. M., and Warner, E. D.: Experimental lathyism: effect of aminoacetoneitrile on connective tissue formation in adult rats, 333
- Erickson, E. E.: See Halpert, B., *jt. auth.*
- Ershoff, B. H.: See Brat, V., *jt. auth.*
- Evans, R. W.: See Hruban, Z., *jt. auth.*

F

- Fanger, H., and Barker, B. E.: Capillaries of normal and diseased breast, 67
- Farr, L. E.: See Lippincott, S. W., *jt. auth.*
- Federoff, M. E.: See Altschul, R., *jt. auth.*
- Fields, W. S.: See Halpert, B., *jt. auth.*
- Fisher, E. R.: See Gruhn, J., *jt. auth.*
- and Tisherman, S.: Association of idiopathic hemochromatosis and excessive iron overload: report of case, with comment relative to concept of exogenous hemochromatosis, 683
- Flexner, J. M.: See Auditore, J. V., *jt. auth.*
- Forbus, W. D.; Fukunaga, N.; Van Schoote, A., and Cress, H. V.: Reaction of chorioallantoic membrane of chick embryo to Nocardia intracellularis inoculation, 571
- Frei, J.: See Waugh, D., *jt. auth.*
- French, S. W.: Liver dehydrogenase activity in chronic alcoholism: comparative histochemical study, 303
- Freytag, E.: See Lindenberg, R., *jt. auth.*
- Fukunaga, N.: See Forbus, W. D., *jt. auth.*
- Fuqua, W. N., Jr.: See Hutcheson, J. B., *jt. auth.*

G

- Gault, E. W.: See Hirst, A. E., Jr., *jt. auth.*
- Gherardi, G. J.: Pathology of ganglionic-aganglionic junction in congenital megacolon, 520
- Goldberg, G. M., and Saphir, O.: Lipidosis of liver portal spaces: I. study of its relationship to lymphatics of liver, 586
- Goodale, F.; Thomas, W. A., and O'Neal, R. M.: Myocardial infarction in women, 599
- Goodsitt, A. M.: See Koletsky, S., *jt. auth.*
- Gordon, J. B.: See Hutcheson, J. B., *jt. auth.*
- Gore, I.: See Hirst, A. E., Jr., *jt. auth.*
- Gottlieb, L. S.; Broitman, S. A.; Vitale, J. J., and Zamcheck, N.: Failure of endogenous serotonin to produce lesions of carcinoid syndrome: studies on mouse mastocytoma, 77
- Goyer, R. A.: See Bowden, D. H., *jt. auth.*
- Green, W. E.: See Sampson, C. C., *jt. auth.*
- Gross, P.: Chronic interstitial pneumonitis: histogenetic study, 706
- Westrick, M. L., and McNerney, J. M.: Connective tissue disease with pulmonary fibrosis in guinea pigs, 130
- Gruhn, J., and Fisher, E. R.: Heterotopic ossification and dystrophic calcification in infarcted rat kidney: histochemical evaluation, 82
- Gyori, E.: See Winter, W. J., *jt. auth.*

H

- Hadley, G. G.: See Hirst, A. E., Jr., *jt. auth.*
- Halpert, B.; Erickson, E. E., and Fields, W. S.: Intracranial involvement from carcinoma of lung, 93
- Hampton, J. W.: See Jaques, W. E., *jt. auth.*
- Harris, F. H.: See Jung, R. C., *jt. auth.*
- Hart, L. M.: See Chomet, B., *jt. auth.*
- Hartmann, R. C.: See Auditore, J. V., *jt. auth.*
- Hartroft, W. S.: See Thomas, W. A., *jt. auth.*
- Hass, G. M.: See Edwards, R. H., *jt. auth.*
- Hensley, G. T.: See Black-Schaffer, B., *jt. auth.*
- Hirst, A. E., Jr.; Gore, I.; Hadley, G. G., and Gault, E. W.: Gross estimation of atherosclerosis in aorta, coronary, and cerebral arteries: comparative study in Los Angeles and South India, 578

AUTHOR AND TITLE INDEX TO VOLUME 69

- Hodges, J. H.: See Drickman, A., jt. auth.
Hollaender, A.: See Congdon, C. C., jt. auth.
Horn, R. C., Jr.: Problems in pathologic diagnosis of carcinoma of thyroid, 481
Howard, R. P.: See Bradford, R. H., jt. auth.
Howell, E. V.: See Jones, R. S., jt. auth.
Hruban, Z.; Evans, R. W., and Humphreys, E. M.: Unusual form of neurovascular hamartoma, 672
Hueper, W. C., and Payne, W. W.: Carcinogenic studies on soot of coffee-roasting plants, 716
Humphreys, E. M.: See Hruban, Z., jt. auth.
Hurowitz, R. B., and Studer, A.: Effect of partial hepatectomy on mitosis rate in CCl₄-induced liver damage of parabiotic rats, 511
Hutcheson, J. B.; Gordon, J. B., and Fuqua, W. N., Jr.: "Extramammary Paget's disease" of anorectal junction, 728

J

- Jagues, W. E.; Hampton, J. W.; Bird, R. M.; Bolten, K. A., and Randolph, B.: Pulmonary hypertension and plasma thromboplastin-antecedent deficiency in dogs: experimental induction by infusion of amniotic fluid, 248
Jennings, F. L., and Arden, A.: Acute radiation effects in esophagus, 407
Joel, W.: See Bradford, R. H., jt. auth.
Johnson, H. A.: See Batsakis, J. G., jt. auth.
Jones, R. S., and Howell, E. V.: C¹⁴-labeled bacterial polysaccharide and lymphosarcoma of rat, 639
Jung, R. C., and Harris, F. H.: Human filarial infection in Louisiana, 371

K

- Kern, W. H.: Proliferative myositis: pseudosarcomatous reaction to injury, 209
Kirschstein, R. L.: See Rabson, A. S., jt. auth.
Klein, M.: See Levine, S., jt. auth.
Koletsky, S., and Goodsitt, A. M.: Natural history and pathogenesis of renal ablation hypertension, 654

L

- Lalich, J. J.: Beta aminopropionitrile concentration and angiorrhhexis in rats, 402

- Landing, B. H.: See Beber, B. A., jt. auth.
Latta, H.: See Bencosme, S. A., jt. auth.
Laurey, J. R.: See Sampson, C. C., jt. auth.
Levine, S., and Klein, M.: Ischemic infarction and swelling in rat brain, 544
Lillie, R. D.: See Sokoloff, L., jt. auth.
Lindenberg, R., and Freytag, E.: Mechanism of cerebral contusions: pathologic-anatomic study, 440
Lindsay, S.: See Potter, G. D., jt. auth.
Lippincott, S. W.; Yamamoto, Y. L., and Farr, L. E.: Radiation effects of neutron-capture therapy on malignant vascular neoplasm of cerebellum: histopathological observations, 44
Lonser, E. R.: See Noguchi, T. T., jt. auth.
Loosli, C. G.: See Procknow, J. J., jt. auth.
Lothe, F., and Somers, K.: Secondary tumors of heart and pericardium in Uganda Africans, 158
Lynch, M. J. G.: Brain lesions in chronic alcoholism, 342

Mc

- MacDonald, R. A.; Schmid, R., and Mallory, G. K.: Regeneration in fatty liver and cirrhosis: autoradiographic study using tritiated thymidine, 175
McKay, D. G., and Merriam, J. C.: Vascular changes induced by bacterial endotoxin during generalized Schwartzman reaction: effect of cortisone, 524
McNerney, J. M.: See Gross, P., jt. auth.

M

- Madden, S. C.: See Bencosme, S. A., jt. auth.
Mallory, G. K.: See MacDonald, R. A., jt. auth.
Marwah, A. S.; Weinmann, J. P., and Meyer, J.: Effect of chronic inflammation on epithelial turnover of human gingiva, 147
Merriam, J. C.: See McKay, D. G., jt. auth.
Meyer, J.: See Marwah, A. S., jt. auth.
Michaels, L.; Brown, N. J., and Cory-Wright, M.: Arterial changes in pulmonary sarcoidosis, 741
Movat, H. Z.: Fine structure of glomerulus in amyloidosis, 323
Mulligan, R. M.: Geriatric pathology: autopsy findings in three hundred fifty-six persons eighty years of age and older, 1

Myhre, E.: Regeneration of fundic mucosa in rats: IV. behavior of connective tissue under various hormonal influences, 314

N

Nishiyama, R. H.: See Batsakis, J. G., jt. auth.

Noguchi, T. T., and Lonser, E. R.: Oncocytoma (oxyphil-cell adenoma) of caruncle of eyelid, 516

Norman, T. D., and Coers, C. R.: Cardiac hypertrophy after coronary artery ligation in rats, 181

O

Oken, D. E.: See Patek, A. J., Jr., jt. auth.

O'Neal, R. M.: See Curran, J., jt. auth.
See Goodale, F., jt. auth.
See Thomas, W. A., jt. auth.

P

Page, H. G.: See Crowley, L. V., jt. auth.

Page, M. I.: See Procknow, J. J., jt. auth.

Patek, A. J., Jr., Oken, D. E.; Sakamoto, A.; de Fritsch, N., and Bevans, M.: Recovery from dietary cirrhosis of liver in rat: changes in hepatic collagen and in microscopic appearance, 168

Patek, P. R., and Bernick, S.: Experimental arterial lesions produced by reticulo-endothelial blocking agents, 35

Payne, W. W.: See Hueper, W. C., jt. auth.

Pickett, J. P., and Sommer, J. R.: Thirty-five mm. film as mounting base and plastic spray as cover glass for histologic sections, 239

Potter, G. D.; Lindsay, S., and Chaikoff, I. L.: Induction of neoplasms in rat thyroid glands by low doses of radioiodine, 257

Procknow, J. J.; Page, M. I., and Loosli, C. G.: Early pathogenesis of experimental histoplasmosis, 413

R

Rabson, A. S., and Kirschstein, R. L.: Intracranial sarcomas produced by polyoma virus in Syrian hamsters, 663

Race, G. J.: See Capers, T. H., jt. auth.

Randolph, B.: See Jaques, W. E., jt. auth.

Ravines, H. T.: "Bronchiolar emphysema of lungs": report of case, 554

Reindl, F. J.: See Chomet, B., jt. auth.

Rich, C. R.: See Batsakis, J. G., jt. auth.

Rigdon, R. H.: Effect of tobacco condensate on respiratory tract of white Pekin ducks, 55

Ruebner, B., and Bramhall, J. L.: Malignant papillary cystadenoma lymphomatousum: report of case, with brief review of literature, 110

and Bramhall, J. L.: Pathology of experimental virus hepatitis in mice, 190

S

Sakamoto, A.: See Patek, A. J., Jr., jt. auth.

Sampson, C. C.; Saunders, E. H.; Green, W. E., and Laurey, J. R.: Liposarcoma developing in lipoma, 506

Saphir, O.: See Goldberg, G. M., jt. auth.

Sarmenta, S. S.: See Edwards, R. H., jt. auth.

Saunders, A. M.: See Vassar, P. S., jt. auth.

Saunders, E. H.: See Sampson, C. C., jt. auth.

Scardino, V.: See Sharnoff, J. G., jt. auth.

Schatzki, P. F.: See Beswick, I. P., jt. auth.

Schmid, R.: See MacDonald, R. A., jt. auth.

Scott, E. B.: Histopathology of amino acid deficiencies: VI. effect of arginine deficiency on liver, with consideration of testes and accessory sex glands, 390

Sharnoff, J. G., and Scardino, V.: Pulmonary megakaryocytes in human fetuses and premature and full-term infants, 139

Shetlar, M. R.: See Bradford, R. H., jt. auth.

Shull, R.: See Brat, V., jt. auth.

Smith, A. G., and Cress, H. V.: Histochemical variations with age in roosters' testes, 374

Sokoloff, L.; Lillie, R. D., and Anderson, F. O.: Papain digestion apparatus, 354

Somers, K.: See Lothe, F., jt. auth.

Sommer, J. R.: See Pickett, J. P., jt. auth.

Stone, R. S.: See Bencosme, S. A., jt. auth.

Studer, A.: See Hurowitz, R. B., jt. auth.

Sutherland, J. M.: See Beber, B. A., jt. auth.

Swann, H. E., Jr.: Occurrence of pulmonary edema in sudden asphyxial deaths, 557

T

- Thomas, W. A.: See Curran, J., jt. auth.
See Goodale, F., jt. auth.
- Hartroft, W. S., and O'Neal, R. M.:
Myocardial infarction in man and
experimental animals, 104
- and O'Neal, R. M.: Electron microscopy
studies of butter and corn oil in je-
junal mucosa, 121
- Tisherman, S.: See Fisher, E. R., jt. auth.

V

- Valdivia, E.; Watson, M., and Dass,
C. M. S.: Histologic alterations in
muscles of guinea pigs during chronic
hypoxia, 199
- Van Schoote, A.: See Forbus, W. D., jt.
auth.
- Vassar, P. S.; Saunders, A. M., and Cull-
ing, C. F. A.: Tetracycline fluores-
cence in malignant tumors and benign
ulcers, 613
- Vitale, J. J.: See Gottlieb, L. S., jt. auth.

W

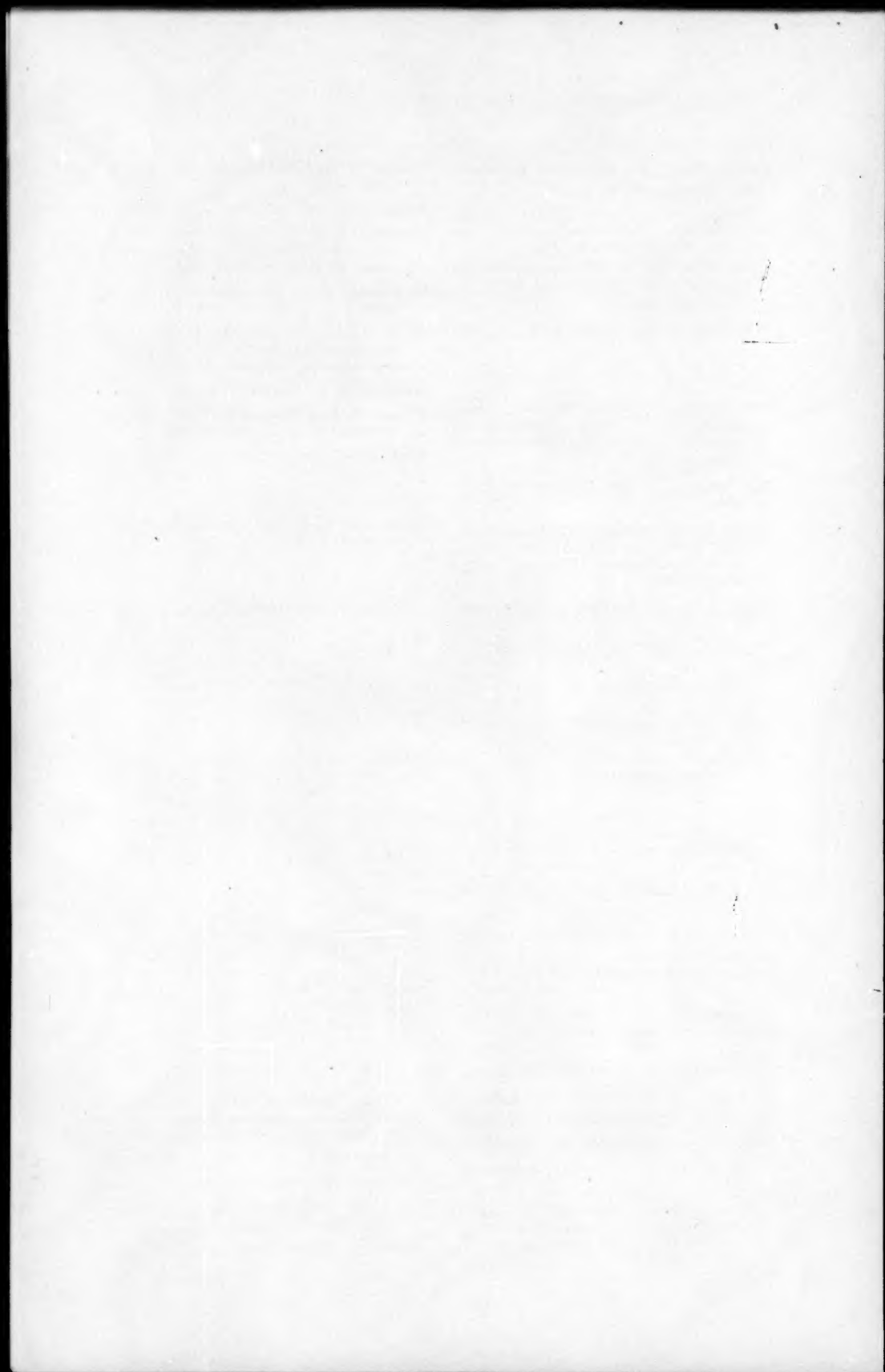
- Warner, E. D.: See Enzinger, F. M., jt.
auth.
- Watson, M.: See Valdivia, E., jt. auth.
- Waugh, D., and Frei, J.: Pulmonary arteri-
tis, glomerulonephritis, and congenital
heart disease: unusual triad, 427
- Weinmann, J. P.: See Marwah, A. S., jt.
auth.
- Welsh, R. A., and Correa, P.: Comparative
pathology of goiter in nonendemic
and endemic area, 694
- Westrick, M. L.: See Gross, P., jt. auth.
- Winter, W. J., and Gyori, E.: Pathogenesis
of small cerebral infarcts, 224
- Wolff, S. M.: Copper deposition in rat, 217

Y

- Yamamoto, Y. L.: See Lippincott, S. W.,
jt. auth.

Z

- Zamcheck, N.: See Gottlieb, L. S., jt. auth.



SUBJECT INDEX TO VOLUME 69

The following Index contains an alphabetical list of significant subjects presented in this volume. Books reviewed are indexed alphabetically by title under the heading "Books." Obituaries and death notices are indexed under the heading "DEATHS." Page numbers in the Index refer to bold face (dark) numbers in the text.

A

- Acceleration**
 protection against, by immersion during hypothermic suspended animation [Black-Schaffer & Hensley], 499
- Accidents**
 as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 18
- Acetylcholinesterase**
 erythrocyte, enzyme in paroxysmal nocturnal hemoglobinuria [Audifore et al.], 534
- Adenocarcinoma**
 arising in presacral enterogenous cyst [Crowley & Page], 64
 pulmonary: generalized scleroderma involving lungs and liver with [Batsakis & Johnson], 633
- Adenolymphoma**
 malignant papillary cystadenoma lymphomatosum: report of case, with brief review of literature [Ruebner & Bramhall], 110
- Adenoma**
 adrenal: primary aldosteronism without: report of case [Capers & Race], 142
 (oxyphil-cell): oncocytoma of caruncle of eyelid [Noguchi & Lonser], 516
- Adrenals**
 adenomata: primary aldosteronism without: report of case [Capers & Race], 142
- Africans**
 Uganda: secondary tumors of heart and pericardium in [Lothe & Somers], 158
- Age**
 histochemical variations with age in roosters' testes [Smith & Cress], 374
- Alcoholism**
 chronic: brain lesions in [Lynch], 342
 chronic: liver dehydrogenase activity in: comparative histochemical study [French], 303
- Aldosteronism**
 primary, without adrenal adenomata: report of case [Capers & Race], 142
- Alimentary tract**
 diseases, as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 23
- American Cancer Society**
 National Cancer Conference: 4th, Minneapolis, Sept. 1960, 356
- American College of Surgeons**
 46th annual clinical congress, San Francisco, Oct. 1960, 596
- Aminoacetonitrile**
 effect, on connective tissue formation in adult rat: experimental lathyrism [Enzinger & Warner], 333
- Amino acid**
 deficiencies, histopathology of: effect on liver, with consideration of testes and accessory sex glands [Scott], 390
- Aminopropionitrile**: See Beta aminopropionitrile
- Amniotic fluid**
 infusion of, with induction of pulmonary hypertension and plasma thromboplastin-antecedent deficiency in dogs [Jaques et al.], 248
- Amyloidosis**
 fine structure of glomerulus in [Movat], 323
- Aneurysm**
 dissecting, pathogenesis of: histochemical study of adult aorta [Braunstein], 617
- Angiorrhexis**
 beta aminopropionitrile concentration and, in rats [Lalich], 402
- Ann Frankel Rosenthal Memorial Award**:
 See AWARDS
- Ann Langer Cancer Research Foundation**:
 See AWARDS
- ANNOUNCEMENTS**, 137, 235, 356, 477, 596, 750
- Anorectal junction**
 "extramammary Paget's disease" of [Hutcheson et al.], 728
- Aorta**
 adult: histochemical study of [Braunstein], 617
 gross estimation of atherosclerosis in, coronary, and cerebral arteries: in Los Angeles and South India [Hirst et al.], 578
- APPARATUS AND INSTRUMENTS**
 papain digestion apparatus for preparing dry bone [Sokoloff et al.], 354
 thirty-five mm. film as mounting base and plastic spray as cover glass for histologic sections [Pickett et al.], 239

APPOINTMENTS

- Carter, John R., 356
- Grady, Hugh G., 356
- Hennigar, G. R., 750
- Menkin, V., 478

Arginine

- effect of, deficiency on liver, with consideration of testes and accessory sex glands [Scott], 390

Armed Forces Institute of Pathology, Washington, D.C., Medical Museum
donations of historical instruments, 118

Arteries

- cerebral: gross estimation of atherosclerosis in aorta, coronary, and: in Los Angeles and South India [Hirst et al.], 578
- coronary: See Coronary vessels
- experimental lesions, resembling atherosclerosis, produced by reticuloendothelial blocking agents [Patek & Bernick], 35
- pulmonary: experimental arterial lesions produced by reticuloendothelial blocking agents [Patek & Bernick], 35
- pulmonary, granulomatous changes, in pulmonary sarcoidosis [Michaels et al.], 741

Arteriosclerosis

- as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 8
- cholesterol-induced, in etiology of coronary thrombosis and myocardial infarction [Thomas et al.], 104
- experimental arterial lesions (resembling atherosclerosis) produced by reticuloendothelial blocking agents [Patek & Bernick], 35
- experimental study: introduction of fat into thrombi [Curran et al.], 270
- experimental study: myocardial infarction in man and experimental animals [Thomas et al.], 104
- gross estimation of atherosclerosis in aorta, coronary, and cerebral arteries: in Los Angeles and South India [Hirst et al.], 578
- histochemical study of adult aorta [Braunstein], 617

Arteritis

- pulmonary, glomerulonephritis, and congenital heart disease [Waugh & Frei], 427

Asphyxia

- deaths, sudden: occurrence of pulmonary edema in [Swann], 557

Atherosclerosis: See under Arteriosclerosis

Autopsies

- geriatric pathology: findings in 356 persons 80 years of age and older with

Autopsies—continued

- evaluation of fatal diseases [Mulligan], 1
- myocardial infarction in women: study of autopsy populations [Goodale et al.], 599

Autoradiography

- regeneration in fatty liver and cirrhosis: study using tritiated thymidine [MacDonald et al.], 175

Aviation and aviators

- protection against acceleration by immersion during hypothermic suspended animation [Black-Schaffer & Hensley], 499

AWARDS: See also GRANTS

- Anderson, W. A. D.: Scientific Products Foundation, 235
- Ann Langer Cancer Research Foundation, 235
- Heller, J. H.: Wien Award, 235
- Hirsch, E. F.: George Howell Coleman Medal for 1959, 750
- Hueper, W. C.: Ann Frankel Rosenthal Memorial Award, 478
- Menkin, V.: Pasteur Institute Medal, 478

B

Bacteria

- K. pneumoniae* polysaccharide, C¹⁴-labeled, and lymphosarcoma of rat [Jones & Howell], 639

Bacterial endotoxin: See Endotoxin

Beta aminopropionitrile

- concentration and angiorrhesis in rats [Lalich], 402

Bile ducts

- common, surgical exploration: supernumerary kidney, found incidental to [Burgess], 154

Blood

- cells: erythrocyte acetylcholinesterase enzyme in paroxysmal nocturnal hemoglobinuria [Auditore et al.], 534
- cells, megakaryocytes, pulmonary: in human fetuses and premature and full-term infants [Sharnoff & Scardino], 139
- cholesterol, hypercholesteremia, in prairie gopher (Ground squirrel) [Altschul & Fedoroff], 689
- hematological factor (antifibrinolytic and/or procoagulative) in etiology of coronary thrombosis and myocardial infarction [Thomas et al.], 104
- plasma thromboplastin-antecedent deficiency in dogs: induction by infusion of amniotic fluid [Jaques et al.], 248
- serum glycoprotein fractions: antagonistic effects of parathyroid extract and cortisone on [Bradford et al.], 382

SUBJECT INDEX TO VOLUME 69

Blood—continued

serum protein: antagonistic effects of parathyroid extract and cortisone on [Bradford et al.], 382

Blood pressure

high, essential: as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 4
high, pulmonary: experimental induction by infusion of amniotic fluid, in dogs [Jaques et al.], 248

high, renal ablation hypertension: natural history and pathogenesis of [Koletsky & Goodsitt], 654

Blood vessels

vascular changes induced by bacterial endotoxin during generalized Schwartzman reaction: effect of cortisone [McKay & Merriam], 524

Bone

dried, preparation of: papain digestion apparatus for [Sokoloff et al.], 354
marrow transplantation: experimental applications of [Congdon & Hollaender], 605

Books

"Allergic" Encephalomyelitis [Kies & Alvord, eds.], 119
Analytical Cytology. 2d ed. [Mellors, ed.], 597

Anastomoses Between Leptomeningeal Arteries of Brain [Vander Eecken], 236

Biochemistry of Clinical Medicine. Ed. 2 [Hoffman], 597

Biology of Myelin. Progress in Neurobiology: IV [Korey & Nurnberger, eds.], 357

Biopsy Manual [Hardy et al.], 358

Cancer in Families [Murphy & Abbey], 357

Cellular and Humoral Aspects of Hypersensitive States [Lawrence, ed.], 480

Clonal Selection Theory of Acquired Immunity [Burnet], 597

Current Virus Research. Symposium in British Medical Bulletin, Vol. 15, No. 3, September 1959 [Andrewes, ed.], 237

Diseases of Laboratory Primates [Ruch], 358

Innervation of Muscle: Biopsy Study [Coërs & Woolf], 119

Kinetics of Cellular Proliferation [Stohlman, ed.], 237

Medical Management of Menopause [Goldberg], 238

Medicinal Chemistry, Vol. IV [Blicks & Cox, eds.], 357

Modern Trends in Pathology [Collins, ed.], 480

Myelofibrosis [Andreasen], 238

Principles of Pathology [Hopps], 236

Books—continued

Strahlenbiologie Grundlagen und Ergebnisse [Fritz-Niggli], 237

Surgical Pathology. Ed. 2 [Ackerman & Butcher], 357

Text on Systemic Pathology, Vol. II [Saphir, ed.], 479

Textbook of General Physiology. Ed. 2 [Davson], 479

Brain

arteries, cerebral: gross estimation of atherosclerosis in aorta, coronary, and: in Los Angeles and South India [Hirst et al.], 578

contusions, cerebral, mechanism of: pathologic-anatomic study [Lindenberg & Freytag], 440

infarcts, cerebral, small: pathogenesis of [Winter & Gyori], 224

intracranial involvement from carcinoma of lung [Halpert et al.], 93

intracranial sarcomas produced by polyoma virus in Syrian hamsters [Rabson & Kirschstein], 663

ischemic infarction and swelling in rat brain [Levine & Klein], 544

lesions in chronic alcoholism [Lynch], 342

vascular lesions, cerebral, and peptic ulceration [Daugaard], 359

Breast

capillaries of normal and diseased [Fanger & Barker], 67

Butter

and corn oil in jejunal mucosa: electron microscopy studies of [Thomas & O'Neal], 121

C

Calcospherites

microlithiasis and carcinoma of thyroid gland [Batsakis et al.], 493

Cancer

Ann Langer Cancer Research Foundation: 3rd annual award, 235

as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 13

carcinogenic studies on soot of coffee-roasting plants [Hueper & Payne], 716

control: appropriations for study in method of, 477

experimental applications of bone marrow transplantation in [Congdon & Hollaender], 605

Symposium on Fundamental Cancer Research: 14th annual, Houston, Feb. 1960, 118

Capillaries

of normal and diseased breast [Fanger & Barker], 67

- Carbon, radioactive
C¹⁴-labeled bacterial polysaccharide and lymphosarcoma of rat [Jones & Howell], 639
- Carbon tetrachloride
effect of partial hepatectomy on mitosis rate in CCl₄-induced liver damage of parabiotic rats [Hurowitz & Studer], 511
- Carcinogenesis
studies on soot of coffee-roasting plants [Hueper & Payne], 716
- Carcinoid
of Meckel's diverticulum [Drinkman & Hodges], 706
- Carcinoid syndrome
failure of endogenous serotonin to produce lesions of: studies on mouse mastocytoma [Gottlieb et al.], 77
- Carcinoma
* "extramammary Paget's disease" of anorectal junction [Hutcheson et al.], 728
malignant change in papillary cystadenoma lymphomatosum: report of case [Ruebner & Bramhall], 110
of lung: generalized scleroderma involving lungs and liver with [Batsakis & Johnson], 633
of lung: intracranial involvement from [Halpert et al.], 93
of thyroid: microlithiasis (calcospherites) and [Batsakis et al.], 493
of thyroid: problems in pathologic diagnosis [Horn], 481
tetracycline fluorescence in malignant tumors and benign ulcers [Vassar et al.], 613
- Cardiovascular diseases
as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 4
- Cells, mast: See Mast cell
- Cerebellum
malignant vascular neoplasm of: radiation effects of neutron-capture therapy on [Lippincott et al.], 44
- Children
size of muscle fibers in infants and [Bowden & Goyer], 188
- Chorioallantoic membrane
of chick embryo: reaction to *Nocardia intracellularis* inoculation [Forbus et al.], 571
- Cirrhosis: See Liver
- Coffee-roasting plants
soot of: carcinogenic studies on [Hueper & Payne], 716
- Collagen
hepatic, changes in: recovery from dietary cirrhosis of liver in rat [Patek et al.], 168
- Colon
megacolon, congenital: pathology of ganglionic-aganglionic junction in [Gherardi], 520
- Connective tissue: See Tissue, connective
- Contusions
cerebral, mechanism of: pathologic-anatomic study [Lindenberg & Freytag], 440
- Copper
deposition in rat [Wolff], 217
- Corn oil
and butter in jejunal mucosa: electron microscopy studies of [Thomas & O'Neal], 121
- Coronary vessels
cardiac hypertrophy after coronary artery ligation in rats [Norman & Coers], 181
experimental arterial lesions produced by reticuloendothelial blocking agents [Patek & Bernick], 35
gross estimation of atherosclerosis in aorta, cerebral arteries, and: in Los Angeles and South India [Hirst et al.], 578
- Cortisone
antagonistic effects of, and parathyroid extract on serum protein and glycoprotein fractions and renal calcification [Bradford et al.], 382
effect: vascular changes induced by bacterial endotoxin during generalized Schwartzman reaction [McKay & Merriam], 524
histopathology of effect of, on irradiated rat kidney [Berdjis], 431
- Cystadenoma
lymphomatosum, malignant papillary: report of case, with brief review of literature [Ruebner & Bramhall], 110
- Cysts
enterogenous, presacral: adenocarcinoma arising in [Crowley & Page], 64

D

- Death
asphyxial, sudden: occurrence of pulmonary edema in [Swann], 557
causes: geriatric pathology; autopsy findings in 356 persons 80 years of age and older [Mulligan], 1
- DEATHS
Cauldwell, E. W., 478
Hullinghorst, Col. R. L., 750
Winternitz, M. C., 137, 594
- Dehydrogenase
liver, activity in chronic alcoholism: comparative histochemical study [French] 303

SUBJECT INDEX TO VOLUME 69

Diabetes

mellitus, as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 25

Diet

amino acid deficiencies, histopathology of: effect of arginine deficiency on liver [Scott], 390

dietary cirrhosis of liver: recovery from, in rat [Patek et al.], 168

fat: introduction, into thrombi: experimental study [Curran et al.], 270

infarct-producing: electron microscopy studies of butter and corn oil in jejunal mucosa [Thomas & O'Neal], 121

Disease

fatal, in 356 geriatric patients 80 years of age and older: autopsy findings [Mulligan], 1

Diverticulum

Meckel's: carcinoid of [Drickman & Hodges], 706

Dystrophy

muscular: occurrence of osteoporosis in mice with [Brat et al.], 649

E

Edema

pulmonary: occurrence, in sudden asphyxial deaths [Swann], 557

Emphysema

"bronchiolar," of lungs: report of case [Ravines], 554

Endotoxin

bacterial: vascular changes induced by, during generalized Shwartzman reaction: effect of cortisone [McKay & Merriam], 524

Enzymes

erythrocyte acetylcholinesterase, in paroxysmal nocturnal hemoglobinuria [Auditore et al.], 534

Epithelium

of human gingiva: effect of chronic inflammation on epithelial turnover [Marwah et al.], 147

Erythrocytes

acetylcholinesterase enzyme in paroxysmal nocturnal hemoglobinuria [Auditore et al.], 534

Esophagus

acute radiation effects in [Jennings & Arden], 407

varices: demonstration by simple technique [Chomet et al.], 185

Eyelids

caruncle: oncocytoma (oxyphil-cell adenoma) of [Noguchi & Lonser], 516

F

Fat

introduction, into thrombi: experimental study [Curran et al.], 270

Fatty liver: See Liver

Fetus

pulmonary megakaryocytes in human fetuses and premature and full-term infants [Sharnoff & Scardino], 139

Fibrosis

pulmonary, and connective tissue disease in guinea pigs [Gross et al.], 130

Filarial infection

human, in Louisiana [Jung & Harris], 371

Film

thirty-five mm., used as mounting base for histologic sections [Pickett & Sommer], 239

Fluorescence

tetracycline, in malignant tumors and benign ulcers [Vassar et al.], 613

G

Ganglionic-aganglionic junction

in congenital megacolon: pathology of [Gherardi], 520

George Howell Coleman Medal for 1959: See AWARDS

Geriatrics

pathology: autopsy findings in 356 persons 80 years of age and older with evaluation of fatal diseases [Mulligan], 1

Gingiva: See Gums

Glass

plastic spray as glass cover for histologic sections [Pickett & Sommer], 239

Glomerulonephritis: See Nephritis

Goiter

in nonendemic and endemic area: comparative pathology of [Welsh & Correa], 694

GRANTS: See also AWARDS

appropriations for study in methods of cancer control: U.S. Public Health Service, 477

for postdoctoral research training in pathology, to University of Louisville School of Medicine, 596

Gums

effect of chronic inflammation on epithelial turnover of human gingiva [Marwah et al.], 147

H

Hamartoma

neurovascular: unusual form of [Hruban et al.], 672

Heart

disease, congenital: pulmonary arteritis, glomerulonephritis and [Waugh & Frei], 427

hypertrophy after coronary artery ligation in rats [Norman & Coers], 181
tumors, secondary, of pericardium and, in Uganda Africans [Lothe & Somers], 158

Hemochromatosis

association of idiopathic, and excessive iron overload: with concept of exogenous [Fisher & Tisherman], 683

Hemoglobinuria

paroxysmal nocturnal: erythrocyte acetylcholinesterase enzyme in [Auditore et al.], 534

Hepatectomy: See under Liver

Hepatitis

virus, experimental, in mice: pathology of [Ruebner & Bramhall], 190

Hirschsprung's disease

pathology of ganglionic-aganglionic junction in congenital megacolon [Gherardi], 520

Histologic sections: See under Tissue

Histoplasmosis

experimental: early pathogenesis of [Procknow et al.], 413

Hormones

behavior of connective tissue under various hormonal influences: in regeneration of fundic mucosa in rats [Myhre], 314

5-Hydroxytryptamine: See Serotonin

Hypercholesterolemia: See Blood, cholesterol

Hypertension: See Blood pressure, high

Hypothermia

hypothermic suspended animation: protection against acceleration by immersion during [Black-Schaffer & Hensley], 499

Hypoxia

chronic: histologic alterations in muscles of guinea pigs during [Valdivia et al.], 199

I

Immersion

protection against acceleration by, during hypothermic suspended animation [Black-Schaffer & Hensley], 499

India

South, and Los Angeles: gross estimation of atherosclerosis in aorta, coronary, and cerebral arteries [Hirst et al.], 578

Infants

premature and full-term: pulmonary megakaryocytes in human fetuses and [Sharnoff & Scardino], 139
size of muscle fibers in children and [Bowden & Goyer], 188

Infarction

cerebral infarcts, small: pathogenesis of [Winter & Gyori], 224
ischemic, and swelling in rat brain [Levine & Klein], 544

Infarct-producing diet: See Diet

Infection

as principal cause of death in persons 80 years of age and older: autopsy findings [Mulligan], 15

Inflammation

effect of chronic, on epithelial turnover of human gingiva [Marwah et al.], 147
reaction of chorioallantoic membrane of chick embryo to *Nocardia intracellularis* inoculation [Forbus et al.], 571

International Academy of Pathology

3d Congress, London, England, June 1960, 118

International Association of Gerontology

5th Congress, San Francisco, Aug. 1960, 750

International Congress of Histochemistry and Cytochemistry

1st, Paris, Aug.-Sept. 1960, 356

International Criminological Congress

4th, The Hague, Sept. 1960, 356

International Meeting of Forensic Pathology

2d, New York City, Sept. 1960, 596

Inter-Society Cytology Council

annual scientific meeting, Chicago, Sept. 1960, 596

Iodine, radioactive

induction of neoplasms in rat thyroid glands by low doses of [Potter et al.], 257

Iron

excessive, overload: association of idiopathic hemochromatosis and [Fisher & Tisherman], 683

J

James B. McNaught Memorial Fund

University of Colorado Medical School, 235

Jejunum

mucosa: electron microscopy studies of butter and corn oil in [Thomas & O'Neal], 121

K

Kidneys

- calcification: anatonogistic effects of parathyroid extract and cortisone on [Bradford et al.], 382
- glomerular abnormalities in tuberculosis [Berman et al.], 278
- glomerulus, fine structure, in amyloidosis [Movat], 323
- histopathology of effect of cortisone on irradiated rat [Berdjis], 431
- hypertension, renal ablation: natural history and pathogenesis of [Koletsky & Goodsitt], 654
- infarcted, of rat: heterotopic ossification and dystrophic calcification in [Gruhn & Fisher], 82
- papillary necrosis, experimental [Beswick & Schatzki], 733
- supernumerary, found incidental to surgical exploration of common bile duct [Burgess], 154
- tubular and glomerular lesions, acute, after uranium injury: in rat [Ben-cosme et al.], 470
- vascular changes induced by bacterial endotoxin during generalized Schwartzman reaction: effect of cortisone [McKay & Merriam], 524

L

Laboratories

- use of papain digestion apparatus for preparing dry bone [Sokoloff et al.], 354
- use of thirty-five mm. film as mounting base and plastic spray as cover glass for histologic sections [Pickett & Sommer], 239

Lathyrism

- beta aminopropionitrile concentration and angiorrhesis in rats [Lalich], 402
- experimental: effect of aminoacetonitrile on connective tissue formation in adult rats [Enzinger & Warner], 333

Leukemia

- experimental applications of bone marrow transplantation in [Congdon & Hollaender], 605

Lipidosis

- of liver portal spaces: relationship to lymphatics of liver [Goldberg & Saphir], 586

Lipoma

- liposarcoma developing in [Sampson et al.], 506

Liposarcoma

- developing in lipoma [Sampson et al.], 506

Liver

- cirrhosis, dietary, in rat: recovery from, with changes in hepatic collagen and in microscopic appearance [Patek et al.], 168
- cirrhosis, regeneration in fatty liver and: autoradiographic study using tritiated thymidine [MacDonald et al.], 175
- dehydrogenase activity in chronic alcoholism: comparative histochemical study [French], 303
- effect of arginine deficiency on: histopathology of amino acid deficiencies [Scott], 390
- effect of partial hepatectomy on mitosis rate in CCl₄-induced liver damage of parabiotic rats [Hurowitz & Studer], 511
- fatty, and cirrhosis, regeneration in: autoradiographic study using tritiated thymidine [MacDonald et al.], 175
- generalized scleroderma involving lungs and, with pulmonary adenocarcinoma [Batsakis & Johnson], 633
- portal spaces, lipidosis: relationship to lymphatics of [Goldberg & Saphir], 586

Lungs

- arterial lesions, experimental, produced by reticuloendothelial blocking agents [Patek & Bernick], 35
- arteritis, pulmonary: glomerulonephritis, and congenital heart disease [Waugh & Frei], 427
- "bronchiolar emphysema" of: report of case [Ravines], 554
- carcinoma of: intracranial involvement from [Halpert et al.], 93
- edema: occurrence, in sudden asphyxial deaths [Swann], 557
- fibrosis: connective tissue disease with, in guinea pigs [Gross et al.], 130
- generalized scleroderma involving, and liver with pulmonary adenocarcinoma [Batsakis & Johnson], 633
- hypertension, pulmonary: induction by infusion of amniotic fluid, in dogs [Jaques et al.], 248
- megakaryocytes, pulmonary, in human fetuses and premature and full-term infants [Sharnoff & Scardino], 139
- sarcoidosis, pulmonary: arterial changes in [Michaels et al.], 741

Lymphatics

- of liver: relationship of lipidosis of portal spaces to [Goldberg & Saphir], 586

Lymphosarcoma

- C¹⁴-labeled bacterial polysaccharide and, of rat [Jones & Howell], 639

Mc

McNaught, Dr. James B., Memorial Fund
University of Colorado Medical School,
235

M

Mast cells
content of placental tissue [Beber et
al.], 531

Mastocytoma
mouse: failure of endogenous serotonin
to produce lesions of carcinoid syn-
drome [Gottlieb et al.], 77

Meckel's diverticulum: See Diverticulum

MEDALS: See AWARDS

Megacolon: See Colon

Megakaryocytes: See Blood, cells

Microlithiasis
calcospherites and carcinoma of thyroid
gland [Batsakis et al.], 493

Microscopy
electron, studies of butter and corn oil
in jejunal mucosa [Thomas &
O'Neal], 121

Mitosis
rate in CCl₄-induced liver damage of
parabiotic rats: effect of partial hepa-
tectomy on [Hurowitz & Studer], 511

Mucopolysaccharides
histochemical study of adult aorta
[Braunstein], 617

Mucosa
fundic: regeneration of, in rats: be-
havior of connective tissue under
various hormonal influences [Myhre],
314
jejunal: electron microscopy studies of
butter and corn oil in [Thomas &
O'Neal], 121

Muscles
fibers, size of, in infants and children
[Bowden & Goyer], 188
histologic alterations in, of guinea pigs
during chronic hypoxia [Valdivia
et al.], 199
intramuscular wounds in rabbits: stim-
ulation of granulation tissue growth
by tissue extracts [Edwards et al.],
286
pseudosarcomatous reaction of muscle
to injury: proliferative myositis
[Kern], 209

Muscular dystrophy: See Dystrophy,
muscular

Myocardial infarction
in man and experimental animals
[Thomas et al.], 104
in women: study of autopsy populations
[Goodale et al.], 599

Myocardium: See Heart; Myocardial in-
farction

Myositis
proliferative: pseudosarcomatous reac-
tion to injury [Kern], 209

N

National Cancer Conference of American
Cancer Society
4th, Minneapolis, Sept. 1960, 356

National Vitamin Foundation of New
York
symposium: Genetic Control of Bio-
chemical Processes in Diseases of
Metabolism, St. Louis, Oct. 1960, 477

Neoplasms: See also Cancer; Carcinoma;
Tumors
in rat thyroid glands: induction, by low
doses of radioiodine [Potter et al.],
257
malignant vascular, of cerebellum: radi-
ation effects of neutron-capture ther-
apy on [Lippincott et al.], 44

Nephritis
glomerulonephritis, pulmonary arteritis,
and congenital heart disease [Waugh
& Frei], 427

Nervous system
diseases, as principal cause of death in
persons 80 years of age and older:
autopsy findings [Mulligan], 26

Neurofibromatosis
unusual form of neurovascular hamar-
toma in case of [Hruban et al.], 672

Neurovascular hamartoma: See Hamar-
toma

Neutron-capture therapy
radiation effects of, on malignant vas-
cular neoplasm of cerebellum: biopsy
tissue [Lippincott et al.], 44

Newborn infants: See Infants

NEWS AND COMMENT, 137, 235, 356, 477,
596, 750

Nocardia
intracellularis inoculation: reaction of
chorioallantoic membrane of chick
embryo to [Forbus et al.], 571

O

Old age: See Geriatrics

Oncocytoma
(oxyphil-cell adenoma) of caruncle of
eyelid [Noguchi & Lonser], 516

Osteoporosis
occurrence of, in mice with muscular
dystrophy [Brat et al.], 649

P

- Paget's disease
extramammary, of anorectal junction
[Hutcheson et al.], 728
- Pan-Pacific Surgical Association
8th Congress, Honolulu, Sept.-Oct. 1960,
477
- Papain
digestion apparatus for preparing dry
bone [Sokoloff et al.], 354
- Parabiosis
effect of partial hepatectomy on mitosis
rate in CCl₄-induced liver damage
of parabiotic rats [Hurowitz &
Studer], 511
- Parathyroid extract
antagonistic effects of, and cortisone on
serum protein and glycoprotein frac-
tions and renal calcification [Brad-
ford et al.], 382
- Parotid gland
malignant papillary cystadenoma lym-
phomatosum: report of case [Ruebner
& Bramhall], 110
- Paroxysmal nocturnal hemoglobinuria:
See Hemoglobinuria
- Pasteur Institute Medal: See AWARDS
- Peptic ulcer: See Ulcers, peptic
- Periarteritis
nodosa: pulmonary arteritis, glomerulo-
nephritis, and congenital heart dis-
ease [Waugh & Frei], 427
- Pericardium
tumors, secondary, of heart and, in
Uganda Africans [Lothe & Somers],
158
- Phosphatase
alkaline, technique used for demonstra-
tion of capillaries of normal and
diseased breast [Fanger & Barker],
67
- Placenta
mast cell content of placental tissue
[Beber et al.], 531
- Plastic spray
as cover glass for histologic sections:
thirty-five mm. film as mounting base
and [Pickett & Sommer], 239
- Pneumonitis
interstitial, chronic: histogenetic study
[Gross], 706
- Polyoma virus: See Virus
- Polysaccharide
bacterial, C¹⁴-labeled, and lymphosar-
coma of rat [Jones & Howell], 639
- Portal spaces
lipidosis of: relationship to lymphatics
of liver [Goldberg & Saphir], 586

- Premature infants: See Infants, pre-
mature
- PRIZES: See AWARDS
- Prostate
hyperplasia, nodular, as principal cause
of death in persons 80 years of age
and older: autopsy findings [Mulli-
gan], 21
- Pseudosarcoma
proliferative myositis: pseudosarcoma-
tous reaction to injury [Kern], 209
- Pulmonary arteries: See Arteries, pul-
monary

R

- Radiation
cortisone and [Berdjis], 431
effects, acute, in esophagus [Jennings
& Arden], 407
effects of neutron-capture therapy on
malignant vascular neoplasm of
cerebellum [Lippincott et al.], 44
exposure: experimental applications of
bone marrow transplantation in
[Congdon & Hollaender], 605
- Radioiodine: See Iodine, radioactive
- Respiratory tract
diseases, as principal cause of death in
persons 80 years of age and older:
autopsy findings [Mulligan], 26
effect of tobacco condensate on, of white
Pekin ducks [Rigdon], 55
- Reticuloendothelial system
blocking agents: experimental arterial
lesions produced by [Patek & Ber-
nick], 35
- Roentgen rays
irradiated rat kidney: histopathology of
effect of cortisone on [Berdjis], 431
supervoltage: effects of acute radiation
in esophagus [Jennings & Arden],
407

S

- Sacroccygeal region
presacral enterogenous cyst: adenocar-
cinoma arising in [Crowley & Page],
64
- Sarcoidosis
pulmonary: arterial changes in
[Michaels et al.], 741
- Sarcoma
intracranial, produced by polyoma virus
in Syrian hamsters [Rabson &
Kirschstein], 663
pseudosarcomatous reaction of muscle to
injury: proliferative myositis [Kern],
209
- Scientific Products Foundation Award:
See AWARDS

T

Scleroderma

generalized, involving lungs and liver with pulmonary adenocarcinoma [Batsakis & Johnson], 633

Serotonin (5-hydroxytryptamine)

endogenous: failure to produce lesions of carcinoid syndrome: studies on mouse mastocytoma [Gottlieb et al.], 77

Serum: See Blood

Sex ratio

of incidence of acute myocardial infarction: study of autopsy populations [Goodale et al.], 599

Shwartzman reaction

generalized: vascular changes induced by bacterial endotoxin during, and effect of cortisone [McKay & Merriam], 524

Soot

of coffee-roasting plants: carcinogenic studies on [Hueper & Payne], 716

Space travel

protection against acceleration by immersion during hypothermic suspended animation [Black-Schaffer & Hensley], 499

Spleen

follicular lipidosis of, with lipidosis of liver portal spaces: relationship to lymphatics [Goldberg & Saphir], 586

Stomach

fundic mucosa: regeneration of, in rats: behavior of connective tissue under various hormonal influences [Myhre], 314

Symposium

Fundamental Cancer Research: 14th annual, Houston, Feb. 1960, 118
Genetic Control of Biochemical Processes in Diseases of Metabolism, St. Louis, Oct. 1960, 477

Testes

and accessory sex glands: effect of arginine deficiency on liver, with consideration of [Scott], 390
histochemical variations with age in roosters' [Smith & Cress], 374

Tetracycline

fluorescence in malignant tumors and benign ulcers [Vassar et al.], 613

Thromboplastin: See under Blood

Thrombosis

coronary and myocardial infarction in man and experimental animals [Thomas et al.], 104

Thrombus

introduction of fat into thrombi: experimental study [Curran et al.], 270

Thymidine

tritiated, in autoradiographic study of regeneration in fatty liver and cirrhosis [MacDonald et al.], 175

Thyroid

carcinoma of: microlithiasis (calcospherites) and [Batsakis et al.], 493
carcinoma of: problems in pathologic diagnosis [Horn], 481
comparative pathology of goiter in non-endemic and endemic area [Welsh & Correa], 694
neoplasms, induction, by low doses of radioiodine: in rat [Potter et al.], 257

Tissue

connective, behavior under various hormonal influences: in regeneration of fundic mucosa in rats [Myhre], 314
connective: effect of aminoacetonitrile on, formation in adult rats: experimental lathyrism [Enzinger & Warner], 333
connective, disease with pulmonary fibrosis in guinea pigs [Gross et al.], 130
granulation, growth: stimulation, by tissue extracts: study in intramuscular wounds in rabbits [Edwards et al.], 286
placental: See Placenta
sections, histologic: thirty-five mm. film as mounting base and plastic spray as cover glass for [Pickett & Sommer], 239

Tobacco condensate

effect on respiratory tract of white Pekin ducks [Rigdon], 55

Toxin: See Endotoxin

Transplantation

bone marrow: experimental applications of [Congdon & Hollaender], 605

Tuberculosis

glomerular abnormalities in [Berman et al.], 278

Tumors: See also under organs and regions, and types of tumors as Adenoma

malignant: tetracycline fluorescence in benign ulcers and [Vassar et al.], 613
secondary, of heart and pericardium in Uganda Africans [Lothe & Somers], 158

U

Ulcers

benign: tetracycline fluorescence in malignant tumors and [Vassar et al.], 613
peptic: cerebral vascular lesions and peptic ulceration [Dalgaard], 359

SUBJECT INDEX TO VOLUME 69

United States Public Health Service
appropriations for study in methods of
cancer control, 477

grant to University of Louisville School
of Medicine, Department of Pathol-
ogy, for research, 596

University of Colorado Medical School.
Department of Pathology
Memorial Fund, Dr. James B. Mc-
Naught, 235

University of Kansas Medical Center
course in histochemistry, June 1960, 750

University of Louisville School of Medi-
cine
grant awarded by U.S. Public Health
Service for research training in pa-
thology, 596

University of Texas M. D. Anderson Hos-
pital and Tumor Institute
symposium: Fundamental Cancer Re-
search, Houston, Feb. 1960, 118

Uranium

injury: acute tubular and glomerular
lesions in rat kidneys after [Ben-
cosme et al.], 470

Urine, hemoglobin: See Hemoglobinuria

V

Virus

hepatitis: See Hepatitis

polyoma: intracranial sarcomas pro-
duced by, in Syrian hamsters [Rab-
son & Kirschstein], 663

W

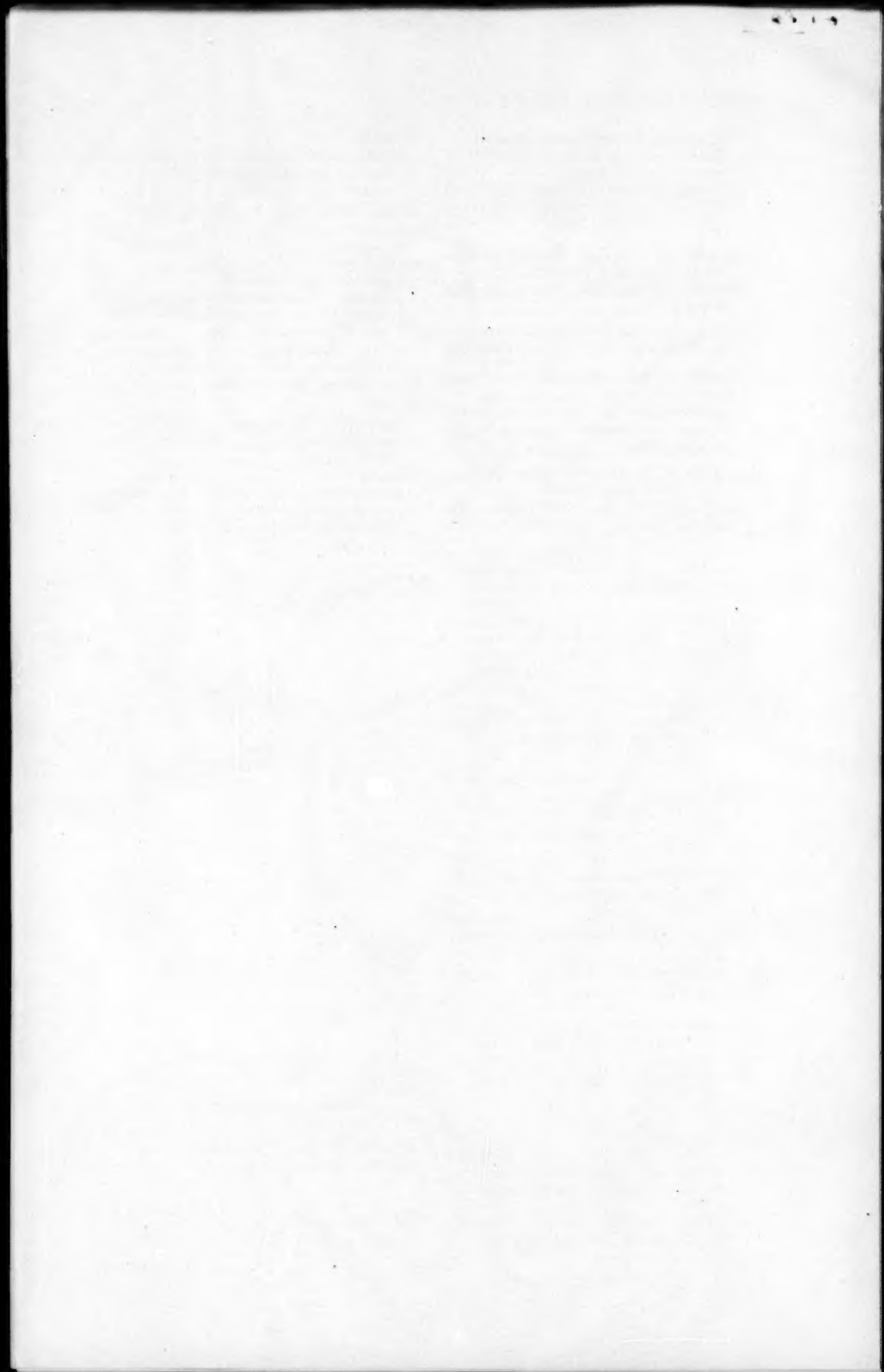
Wien Award: See AWARDS

Women

myocardial infarction in: study of
autopsy populations [Goodale et al.],
599

Wounds

intramuscular, in rabbits: stimulation
of granulation tissue growth by tis-
sue extracts [Edwards et al.], 286



ARCHIVES OF
PATHOLOGY

VOLUME 70

JULY THROUGH DECEMBER, 1960

AMERICAN MEDICAL ASSOCIATION Publication

THE HISTORY OF
PATHOLOGY

AUTHOR AND TITLE INDEX TO VOLUME 70

In this Index in alphabetical order are the names of the authors of all articles, followed by the title of the article and the page numbers on which their articles begin. Page numbers in the Index refer to bold face (dark) numbers in the text.

For Subject Index see page [159/791].

A

- Alex, M.: See Blumenthal, H. T., jt. auth.
- Altland, P. D., and Highman, B.: Effects of high altitude on cholesterol-fed rabbits: production of severe pulmonary atherosclerosis with calcification, 349
- Anderson, A. E., Jr., and Foraker, A. G.: Morphological aspects of interstitial pulmonary fibrosis, 79
- Anthony, C. W., and Koneman, E. W.: Visceral Kaposi's sarcoma, 740
- Azar, H. A.: Pyronin affinity of cytoplasm of lymphoid cells and thymocytes: experimental study in rabbits undergoing immunization, 29

B

- Baker, A. B.: Histologic changes in brains of dogs after long-term barbiturate intoxication, 208
- Banson, B. B.: See Grisham, J. W., jt. auth.
- Barka, T.: See Popper, H., jt. auth.
- Bauer, F. C., Jr.: See Hirsch, E. F., jt. auth.
- Benirschke, K.: See Richart, R., jt. auth.
- Bernstein, J., and Whitten, C. F.: Histologic appraisal of kidney in sickle cell anemia, 407
- Blumenthal, H. T.; Alex, M., and Goldenberg, S.: Study of lesions of intramural coronary artery branches in diabetes mellitus, 13
- Booth, J.: See Constantinides, P., jt. auth.
- Bothwell, T. H., and Bradlow, B. A.: Siderosis in Bantu: combined histopathological and chemical study, 279
- Bradlow, B. A.: See Bothwell, T. H., jt. auth.
- Brown, E.: See Failey, R. B., Jr., jt. auth.
- Budzilovich, G. N., and Wilens, S. L.: Fulminating Wegener's granulomatosis, 653
- Buzzi, R. M.: See Rosenberg, H. S., jt. auth.
- Byerly, B. H.: See Witkop, C. J., Jr., jt. auth.

C

- Carlson, G.: See Constantinides, P., jt. auth.
- Carr, R. D.; Smith, M. J., and Keil, P. G.: Liver in aging process: histology, 1
- Chapman, I., and Redish, C. H.: Tobacco-induced epithelial proliferation in human subject: long-term effects of pipe smoking on epithelium of hard palate, 133
- Chomet, B.: See Valaitis, J., jt. auth.
- Constantinides, P.; Booth, J., and Carlson, G.: Production of advanced cholesterol atherosclerosis in rabbit, 712
- and Gutmann-Auersperg, N.: Inhibition of progress of preestablished atherosclerosis by diethylstilbestrol in rabbit, 35
- Correa, P., and Welsh, R. A.: Effect of excessive iodine intake on thyroid gland of rat, 247
- Cortes, J.: See Thomas, C. R., jt. auth.
- Cragg, J.: Pituitary cytology of adult cretinoid dwarf, 125
- Culling, C.: See Vassar, P. S., jt. auth.

D

- Dahl, A. W.: See Fletcher, T. L., jt. auth.
- Danielski, J. J.: See Landers, J. W., jt. auth.
- Duhig, J. T., and Warren, S.: Intermittent radiation and life span of mice, 486
- Dutra, F. R.: Mixed tumor, salivary gland type, of deep fascial region of thigh, 562

E

- Eilersen, P., and Faber, M.: Human aorta: VI. regression of atherosclerosis in pulmonary tuberculosis, 103
- Emmart, E. W., and Helander, E.: Distribution of muscle protein in fibers of conduction system of beef heart, 730
- Eshbaugh, D. E.: See Goldberg, G. M., jt. auth.

F

- Fabor, M.: See Eilersen, P., jt. auth.
- and Geill, T.: Human aorta: influence of continuous heparin treatment on atherosclerosis in aorta, 244

Failley, R. B., Jr.; Brown, E., and Hodes, M. E.: Bile acid composition of human bile from three sources, 358

Fisher, E. R., and Paar, J.: Carrageenin granuloma in guinea pig and rat: I. effect of hydrocortisone, estradiol and mast cell depletion on its histological and histochemical features, 565

Fitch, F.: See Spargo, B., jt. auth.

Flack, H. A.: See Jennings, R. B., jt. auth.

Fletcher, T. L.; Dahl, A. W., and Harkins, H. N.: Analyses of porcine aorta homografts and of normal aorta: cholesterol, phospholipid and mineral composition of variously treated homografts and of normal aorta, 747

Foley, W. A., and Wattenberg, L. W.: Histochemical study of regenerating large bowel epithelium, 675

Foraker, A. G.: See Anderson, A. E., Jr., jt. auth.

See Franca, L. C. M., jt. auth.

Franca, L. C. M., and Foraker, A. G.: Elastic fiber mass in human aorta: interferometric approach, 216

Friedell, G. H.; Sherman, J. D., and Sommers, S. C.: Spleen and liver in anemia of tumor-bearing hamster, 363

Fullmer, H. M.: Observations on development of oxytalan fibers in dental granulomas and radicular cysts, 59

G

Gall, E. A.: Primary and metastatic carcinoma of liver: relationship to hepatic cirrhosis, 226

Geer, J. C.: See Moosy, J., jt. auth.

Geill, T.: See Faber, M., jt. auth.

Goldberg, G. M., and Eshbaugh, D. E.: Squamous cell nests of pituitary gland as related to origin of craniopharyngiomas: study of their presence in newborn and infants up to age four, 293

Goldenberg, S.: See Blumenthal, H. T., jt. auth.

Gottmann, A. W.: Report of one hundred three autopsies on Alaskan natives, 117

Graham, J. B.: See Witkop, C. J., Jr., jt. auth.

Grisham, J. W.; Banson, B. B., and Hartroft, W. S.: Nuclear and nucleolar alterations in hepatic parenchymal cells of choline-deficient rat: I. volume changes, 50

Gross, P.; Westrick, M. L., and McNerney, J. M.: Pulmonary response to tuberculin, 233

Gruenwald, P., and Mayberger, H. W.: Differences in abnormal development of monozygotic twins, 685

Gutmann-Auersperg, N.: See Constantinides, P., jt. auth.

H

Harkins, H. N.: See Fletcher, T. L., jt. auth.

Hartroft, W. S.: See Grisham, J. W., jt. auth.

Helander, E.: See Emmart, E. W., jt. auth.

Higginson, J.; Isaacson, C.; and Simson, I.: Pathology of cryptogenic heart disease: study of pathological pattern in eighty cases of obscure heart failure in South African Bantu Negro, 497

Highman, B.: See Altland, P. D., jt. auth.

Hilding, A. C.: Air-flow as etiologic factor in metaplasia in tracheobronchial tree, 550

Hirsch, E. F., and Bauer, F. C., Jr.: Systemic xanthomatosis: chronic biliary cirrhosis associated with fibrous vesicular emphysema of lungs, 455

Hodes, M. E.: See Failley, R. B., Jr., jt. auth.

Hoffman, J.: See Post, J., jt. auth.

Howell, E. V.: See Thomas, C. R., jt. auth.

Hruban, Z., and Humphreys, E. M.: Congenital anomalies associated with pulmonary hypertension in infant, 766

Hueper, W. C., and Payne, W. W.: Carcinogenic studies on petroleum asphalt, cooling oil, and coal tar, 372

Huestis, D. W., and Jaeger, E. A.: Studies on serum proteins, glycoproteins, and sialic acid in experimental amyloidosis, 166

Hughes, W. L.: See Lippincott, S. W., jt. auth.

Humphreys, E. M.: See Hruban, Z., jt. auth.

I

Isaacson, C.: See Higginson, J., jt. auth.
Rosenzweig, D., and Seftel, H. C.: Malignant pheochromocytoma of organs of Zuckerkandl, 725

Ishii, S.: See Miyawaki, H., jt. auth.

J

Jaeger, E. A.: See Huestis, D. W., jt. auth.

Jennings, R. B.; Sommers, H. M.; Smyth, G. A.; Flack, H. A., and Linn, H.: Myocardial necrosis induced by temporary occlusion of coronary artery in dog, 68

AUTHOR AND TITLE INDEX TO VOLUME 70

Jones, E.: Primary carcinoma of liver with associated cirrhosis in infants and children: report of case, 5

Jones, F.: See Muirhead, E. E., jt. auth.

Jones, R. S.: See Thomas, C. R., jt. auth.

K

Kaufman, N.; Klavins, J. V., and Kinney, T. D.: Pancreatic damage induced by excess methionine, 331

Keil, P. G.: See Carr, R. D., jt. auth.

Kent, G., and Popper, H.: Secondary hemochromatosis: its association with anemia, 623

Kernohan, J. W.; Magath, T. B., and Schloss, G. T.: Granuloma of brain probably due to *Endolimax williamsi* (*Iodamoeba bütschlii*), 576

Khanolkar, V. R.: See Sirsat, S. M., jt. auth.

Kinney, T. D.: See Kaufman, N., jt. auth.

Klavins, J. V.: See Kaufman, N., jt. auth.

Klein, A.: See Post, J., jt. auth.

Koneman, E. W.: See Anthony, C. W., jt. auth.

Korman, S.: See Lippincott, S. W., jt. auth.

Kratzing, C. C.: See Windrum, G. M., jt. auth.

Krikos, G. A., and Orbison, J. L.: Histochemical studies of skin wounds in rats receiving beta-aminopropionitrile, 188

L

Lalich, J. J.: See Merkow, L. P., jt. auth.

Landers, W., and Danielski, J. J.: Malignant intracranial epidermoid cyst: report of case with leptomeningeal spread, 419

Langer, B.: See Steiner, J. W., jt. auth.

Leachman, R. A.: See Rosenberg, H. S., jt. auth.

Lev, M.: Architecture of conduction system in congenital heart disease: III. ventricular septal defect, 529

Linde, R.: See Weiss, D. L., jt. auth.

Linn, H.: See Jennings, R. B., jt. auth.

Lippincott, S. W.; Korman, S., and Hughes W. L.: Turnover of autologous and homologous labeled gamma-globulin in multiple myeloma, 467

Long, E. R.: American textbooks of pathology (editorial), 647

Luneth, J. H.: Urinary excretion of alkaline phosphatase following renal ischemia in rats, 581

Mc

McGee, H. J., Jr.: Inflammatory fibroid polyps of ileum and cecum, 203

McGregor, D. D.; Steiner, J. W., and Movat, H. Z.: Plasma cell maturation in Arthus lesions of lymphocyte-depleted rabbits, 592

McMillan, G. C.; Weigensberg, B. I., and Ritchie, A. C.: Effects of dietary fats in rabbits fed cholesterol: severity of atherosclerosis in rabbits fed highly saturated and unsaturated fats, 220

McNamara, D. G.: See Rosenberg, H. S., jt. auth.

McNeal, J. E., and Yaeger, R. G.: Observations on case of pneumocystis pneumonia, 397

McNerney, J. M.: See Gross, P., jt. auth.

M

Maeir, D. M.: See Oppenheim, I. A., jt. auth.

Magath, T. B.: See Kernohan, J. W., jt. auth.

Mathies, L. A.: See Rice, J. D., Jr., jt. auth.

Mayberger, H. W.: See Gruenwald, P., jt. auth.

Merkow, L. P., and Lalich, J. J.: Influence of diet on incidence of angiorrhesis in β -aminopropionitrile-fed rats, 752

Meyer, J. S.: Thromboembolic pulmonary arterial necrosis and arteritis in man: study of eleven autopsied cases, 445

Miyawaki, H., and Ishii, S.: Heterologous intracerebral transplantation of human brain tumors, 508

Moore, R. D.: See Rupp, J. C., jt. auth.

Moossy, J., and Geer, J. C.: Encephalomyelitis, myocarditis and adrenal cortical necrosis in Coxsackie B3 virus infection: distribution of central nervous system lesions, 614

Movat, H. Z.: See McGregor, D. D., jt. auth.

Muirhead, E. E.; Jones, F., and Stirman, J. A.: Hypertensive cardio-vascular disease of dog: relation of sodium and dietary protein to ureterocaval anastomosis and ureteral ligation, 108

Murray, M. R.: See Witkop, C. J. Jr., jt. auth.

Myhre, E.: Regeneration of fundic mucosa in rats: V. autoradiographic study on effect of cortisone, 476

N

Neame, P., and Rayner, D.: Mucormycosis: report on 22 cases, 261

Notes, B.: Normal uterus, 643

O

- Oliner, H.: See Valaitis, M., jt. auth.
 Oppenheim, I. A., and Maeir, D. M.: Temporal lobe epilepsy with tumor-like astrocytosis, 338
 Orbison, J. L.: See Krikos, G. A., jt. auth.

P

- Paar, J.: See Fisher, E. R., jt. auth.
 Paronetto, F.: See Popper, H., jt. auth.
 Payne, W. W.: See Heuper, W. C., jt. auth.
 Pilz, C. G.: See Valaitis, J., jt. auth.
 Plair, C. M.: See Wilens, S. L., jt. auth.
 Popper, H.: See Kent, G., jt. auth.
 Paronetto, F., and Barka, T.: PAS-positive structures of nonglycogenic character in normal and abnormal liver, 300
 Post, J.; Klein, A., and Hoffman, J.: Responses of liver to injury: effects of age upon healing pattern after acute carbon tetrachloride poisoning, 314

R

- Ramirez, C. A.: Single coronary artery: report of anomaly occurring in woman, 763
 Rayner, D.: See Neame, P., jt. auth.
 Redish, C. H.: See Chapman, I., jt. auth.
 Reimann, S. P.: Pathologic anatomy of bronchial tree and lungs: methods used for cooperative study, 757
 Rice, J. D., Jr., and Mathies, L. A.: Comparison of resistance of reticulocytes and mature erythrocytes to immune hemolysis: studies in guinea pig, rabbit, dog, and man, 435
 Richart, R., and Benirschke, K.: Penile agenesis: report of case, review of world literature, and discussion of pertinent embryology, 252
 Ritchie, A. C.: See McMillan, G. C., jt. auth.
 Rogers, S.: Comparative carcinogenesis, 661
 Rosenberg, H. S.; McNamara, D. G.; Leachman, R. A., and Buzzi, R. M.: Pulmonary vascular structure of children with interventricular septal defect: comparison with physiologic studies, 141
 Rosenzweig, D.: See Isaacson, C., jt. auth.
 Rucknagel, D. L.: See Witkop, C. J., Jr., jt. auth.

- Rupp, J. C.; Moore, R. D., and Schoenberg, M. D.: Stimulation of reticuloendothelial system in rabbit by Freund's adjuvant, 43

S

- Saunders, A. M.: See Vassar, P. S., jt. auth.
 Schatz, D. L.: See Steiner, J. W., jt. auth.
 Schloss, G. T.: See Kernohan, J. W., jt. auth.
 Schoenberg, M. D.: See Rupp, J. C., jt. auth.
 Seftel, H. C.: See Isaacson, C., jt. auth.
 Shankle, C. H.: See Witkop, C. J., jt. auth.
 Sherman, J. D.: See Friedell, G. H., jt. auth.
 Siegler, R.: Dysphagia—unusual presenting symptom of "stiff-man syndrome," 520
 Silberberg, M., and Silberberg, R.: Osteoarthritis in mice fed diets enriched with animal or vegetable fat, 385
 Silberberg, R.: See Silberberg, M., jt. auth.
 Simson, L.: See Higginson, J., jt. auth.
 Sirsat, S. M., and Khanolkar, V. R.: Submucous fibrosis of palate in diet-preconditioned Wistar rats: induction by local painting of capsaicin—optical and electron microscopic study, 171
 and Khanolkar, V. R.: Submucous fibrosis of palate: induction by local painting of capsaicin in Wistar rats treated with desoxycorticosterone acetate—optical and electron microscopic study, 180
 Slager, U. T.: Arachnoiditis ossificans: report of case and review of subject, 322
 Smith, J. C.: Effect of segmental intestine shielding on mortality from intestinal radiation, 94
 Smith, M. J.: See Carr, R. D., jt. auth.
 Smith, S. G.: Porphobilinogen in fresh postmortem tissues from case of acute intermittent porphyria, 361
 Smyth, G. A.: See Jennings, R. B., jt. auth.
 Sommers, H. M.: See Jennings, R. B., jt. auth.
 Sommers, S. C.: See Friedell, G. H., jt. auth.
 Spargo, B.; Straus, F., and Fitch, F.: Zonal renal papillary droplet change with potassium depletion, 599
 Steiner, J. W.: See McGregor, D. D., jt. auth.

AUTHOR AND TITLE INDEX TO VOLUME 70

- Langer, B., and Schatz, D. L.: Local and systemic effects of Freund's adjuvant and its fractions, 424
- Stinson, J. C.: Silver stain for fresh tissues of nervous system: technique for staining fresh frozen sections of non-myelinated nerves and tissues of central nervous system, 328
- Stirman, J. A.: See Muirhead, E. E., jt. auth.
- Straus, F.: See Spargo, B., jt. auth.
- T**
- Tammes, A. R.: Carcinosarcoma of uterus, 343
- Thomas, C. R.; Howell, E. V.; Cortes, J., and Jones, R. S.: Glucogenic corticosteroids and regression of lymphosarcoma in rat: I. glucogenic corticosteroids, 441
- V**
- Valaitis, J.; Pilz, C. G.; Oliner, H., and Chomet, B.: Myoglobulinuria, myoglobinuric nephrosis and alcoholism, 195
- Vassar, P. S.; Culling, C., and Saunders, A. M.: Fluorescent histiocytes in sputum related to smoking, 649
- W**
- Warren, S.: See Duhig, J. T., jt. auth.
- Wattenberg, L. W.: See Foley, W. A., jt. auth.
- Weigensberg, B. I.: See McMillan, G. C., jt. auth.
- Weiss, D. L., and Linde, R.: Stretch capacity of component layers of aortic wall: normal vessels, 640
- Welsh, R. A.: See Correa, P., jt. auth.
- Westrick, M. L.: See Gross, P., jt. auth.
- Whitten, C. F.: See Bernstein, J., jt. auth.
- Wilens, S. L.: See Budzilovich, G. N., jt. auth.
- and Plair, C. M.: Method for equating age and arteriosclerosis at necropsy, 149
- Windrum, G. M., and Kratzing, C. C.: Effect of ethyl trichloracetate on liver and kidneys of choline-deficient rats, 156
- Witkop, C. J., Jr.; Shankle, C. H.; Graham, J. B.; Murray, M. R.; Rucknagel, D. L., and Byerly, B. H.: Hereditary benign intraepithelial dyskeratosis: II. oral manifestations and hereditary transmission, 696
- Y**
- Yaeger, R. G.: See McNeal, J. E., jt. auth.



SUBJECT INDEX TO VOLUME 70

The following Index contains an alphabetical list of significant subjects presented in this volume. Books reviewed are indexed alphabetically by title under the heading "BOOKS." Obituaries and death notices are indexed under the heading "DEATHS." Page numbers in the Index refer to bold face (dark) numbers in the text.

A

- Abnormalities**
 congenital anomalies associated with pulmonary hypertension in infant [Hruban & Humphreys], 766
 differences in abnormal development of monozygotic twins [Gruenwald & Mayberger], 685
- Adrenals**
 necrosis: encephalomyelitis, myocarditis and, in Coxsackie B3 virus infection: distribution of lesions [Moossy & Geer], 614
- Aging**
 age and arteriosclerosis: method for equating, at necropsy [Wilens & Plair], 149
 effects of age upon healing pattern in rat liver after carbon tetrachloride poisoning [Post et al.], 314
 process, liver in: histology [Carr et al.], 1
- Alaska**
 report of 103 autopsies on Alaskan natives [Gottmann], 117
- Alcoholism**
 myoglobulinuria, myoglobinuric nephrosis and [Valaitis et al.], 195
- Allergy**
 plasma cell maturation in Arthus lesions of lymphocyte-depleted rabbits [McGregor et al.], 592
- Altitude, high**
 effects on cholesterol-fed rabbits: production of severe pulmonary atherosclerosis with calcification [Altland & Highman], 349
- American Association of Neuropathologists**
 36th annual meeting: election of officers, 646
- American Cancer Society**
 National Cancer Conference: 4th, Minneapolis, Sept. 1960, 392
- American Medical Association**
 Motion Picture Library: new catalog of medical-health films available, 526
- American Society for Experimental Pathology**
 "Newsletter," Spring 1960: minutes of annual business meeting, Chicago; list of members, 276
- American Thoracic Society**
 annual meeting, Cincinnati, May 1960: solicitation of abstracts, 782
- American Thoracic Society—continued**
 applications for research grants in tuberculosis and other respiratory diseases, 646
- β -Aminopropionitrile**
 -fed rats: influence of diet on incidence of angiorrhesis in [Merkow & Lalich], 752
 histochemical studies of skin wounds in rats receiving [Krikos & Orbison], 188
- Amyloidosis**
 experimental: studies on serum proteins, glycoproteins, and sialic acid in [Huestis & Jaeger], 166
- Anemia**
 secondary hemochromatosis: its association with [Kent & Popper], 623
 sickle cell: histologic appraisal of [Bernstein & Whitten], 407
- Angiorrhesis**
 influence of diet on incidence of, in β -aminopropionitrile-fed rats [Merkow & Lalich], 752
- Ann Langer Cancer Research Foundation:**
 See **AWARDS**
- ANNOUNCEMENTS**, 128, 275, 391, 646
- Antigen-antibody reactions**
 comparison of resistance of reticulocytes and mature erythrocytes to immune hemolysis: studies in guinea pig, rabbit, dog, and man [Rice & Mathies], 435
 local and systemic effects of Freund's adjuvant and its fractions [Steiner et al.], 424
 stimulation of reticuloendothelial system in rabbit by Freund's adjuvant [Rupp et al.], 43
- Aorta**
 angiorrhesis: influence of diet on incidence, in β -aminopropionitrile-fed rats [Merkow & Lalich], 752
 arteriosclerosis: method for equating age and arteriosclerosis at necropsy [Wilens & Plair], 149
 atherosclerosis, human: influence of continuous heparin treatment [Faber & Geill], 244
 atherosclerosis, human: regression in pulmonary tuberculosis [Eilersen & Feber], 103
 atherosclerosis, severity, in cholesterol-fed rabbits fed dietary fat supplements [McMillan et al.], 220

Aorta—continued

- elastic fiber mass in human: interferometric approach [Franca & Foraker], 216
- homografts, porcine aorta, and normal aorta, analyses: cholesterol, phospholipid and mineral composition of [Fletcher et al.], 747
- stretch capacity of component layers of aortic wall: normal vessels [Weiss & Linde], 640

APPOINTMENTS

- Dammin, Gustave J., 526
- Dixon, Frank J., 128
- Higginson, John, 128
- Kinney, Thomas D., 526
- Rice, Walter G., 782
- Vennart, George P., 782
- Wagner, Bernard M., 526

Arachnoiditis ossificans

- report of case and review of subject [Slager], 322

Arteries

- coronary: See Coronary vessels
- pulmonary, thromboembolic, necrosis and arteritis in man: study of 11 autopsied cases [Meyer], 445
- pulmonary vascular structure of children with interventricular septal defect [Rosenberg et al.], 141

Arteriosclerosis

- age and: method for equating, at necropsy [Wilens & Plair], 149
- aorta, human: regression of atherosclerosis in pulmonary tuberculosis [Eilersen & Faber], 103
- cholesterol, advanced: production, in rabbit [Constantinides et al.], 712
- influence of continuous heparin treatment on atherosclerosis in human aorta [Faber & Geill], 244
- inhibition of progress of preestablished atherosclerosis by diethylstilbestrol in rabbit [Constantinides & Gutmann-Auersperg], 35
- pulmonary atherosclerosis, severe, with calcification, production of: effects of high altitude on cholesterol-fed rabbits [Altland & Highman], 349
- severity of atherosclerosis in cholesterol-fed rabbits fed dietary fat supplements [McMillan et al.], 220

Arthus phenomenon

- plasma cell maturation in Arthus lesions of lymphocyte-depleted rabbits [McGregor et al.], 592

Asphalt

- petroleum: carcinogenic studies on cooling oil, coal tar, and [Hueper & Payne], 372

Astrocytoma

- tumor-like astrocytosis: temporal lobe epilepsy with [Oppenheim & Maeir], 338

Atherosclerosis: See under Arteriosclerosis

Autopsies

- method for equating age and arteriosclerosis at necropsy [Wilens & Plair], 149
- porphobilinogen in fresh postmortem tissues from case of acute intermittent porphyria [Smith], 361
- report of 103 autopsies on Alaskan natives [Gottmann], 117

AWARDS

- Ann Langer Cancer Research Foundation Award to Drs. Georg and Eva Klein, 391
- Experimental Pathology Award to Dr. Floyd R. Skelton, 275
- George T. Caldwell Award for 1959 to Major Gen. Elbert De Coursey, 128
- "gold-headed cane" conferred on Dr. Eugene L. Opie: American Association of Pathologists and Bacteriologists, 526
- Howard Taylor Ricketts Memorial Award to Dr. Karl F. Meyer, 526
- Morris L. Parker Award to Dr. Kurt Stern, 646
- "outstanding service to medicine", award conferred on Dr. Jean R. Oliver: convocation of New York Downstate Medical Center of Brooklyn, 391
- Trudeau medal to Dr. Arnold R. Rich, 391

B

Bantus: See Negroes

Barbiturates

- intoxication, long-term: histologic changes in brains of dogs after [Baker], 208

Beta-aminopropionitrile: See β Aminopropionitrile

Bile acids and salts

- bile acid composition of human bile from three sources [Failey et al.], 353

Blood

- glycoproteins, serum proteins, and sialic acid in experimental amyloidosis: studies [Huestis & Jaeger], 166
- plasma cells: See Plasma cells
- sialic acid, serum proteins, and glycoproteins: studies [Huestis & Jaeger], 166

Blood pressure, high: See Hypertension

Blood proteins

- serum proteins, glycoproteins, and sialic acid in experimental amyloidosis: studies [Huestis & Jaeger], 166

BOOKS

- Allgemeine Pathologie [Letterer], 129
- Anatomy: Regional Study of Human Structure [Gardner et al.], 393

SUBJECT INDEX TO VOLUME 70

Books—continued

- Atlas of Tumor Pathology: Section VIII, Fascicle 31a. Tumors of Urinary Bladder [Friedman & Ash], 129
- Bone Tumors. 2d ed. [Lichtenstein], 131
- Clinical Endocrinology I. [Astwood, ed.], 527
- Crash Injuries: Integrated Medical Aspects of Automobile Injuries and Death [Kulowski], 644
- Diagnostic Radioisotopes [Owen], 528
- Hemophilia and Other Hemorrhagic States — International Symposium Rome [Brinkhous, ed.; de Nicola, asst. ed.], 394
- Histochemistry, Theoretical and Applied. Ed. 2 [Pearse], 394
- Human Integument [Rothman, ed.], 130
- Introduction to Colposcopy [Bolten & Jaques], 131
- Intussusception in Infants and Children [Ravitch], 131
- Leitfaden der mikroskopischen Technik [Haug], 393
- Leukocyte Antigens and Antibodies [Walford], 394
- Mechanisms of Hypersensitivity. Henry Ford Hospital International Symposium [Shaffer et al., eds.], 130
- Medieval and Renaissance Medicine [Gordon], 395
- Methods of Geographic Pathology [Doll, ed.], 527
- Microcirculation: Symposium on Factors Influencing Exchange of Substances Across Capillary Wall [Reynolds & Zweifach, eds.], 393
- Pathology of Heart. Ed. 2 [Gould, ed.], 396
- Physiopathology of Cancer [Homburger, ed.], 130
- Die Speicheldrüsen des Menschen, Anatomie, Physiologie und klinische Pathologie [Rauch], 129
- Systemic Lupus Erythematosus [Baehr & Klemperer, eds.], 394
- Year Book of Cancer [1958-1959 Year Book Series] [Clark & Cumley], 131
- Brain
 - granuloma, probably due to *Endolimax williamsi* (*Iodamoeba bütschlii*) [Kernohan et al.], 576
 - histologic changes in brains of dogs after long-term barbiturate intoxication [Baker], 208
 - temporal lobe epilepsy with tumor-like astrocytosis [Oppenheim & Maier], 338
 - tumors, human, heterologous intracerebral transplantation [Miyawaki & Ishii], 508
- Bronchi
 - pathologic anatomy of bronchial tree and lungs: methods used for cooperative study [Reimann], 757

C

- Cancer
 - Ann Langer Cancer Research Foundation award: See AWARDS
 - carcinogenic studies on petroleum asphalt, cooling oil, and coal tar [Hueper & Payne], 372
 - National Cancer Conference: 4th, Minneapolis, Sept. 1960, 392
 - Southeastern States Cancer Seminar for Physicians: 10th biennial, Orlando, Fla., Nov. 1960, 392
- Capsaicin
 - submucous fibrosis of palate induced by local painting of capsaicin in diet-preconditioned Wistar rats [Sirsat & Khanolkar], 171
 - submucous fibrosis of palate induced by local painting of capsaicin in Wistar rats treated with desoxycorticosterone acetate [Sirsat & Khanolkar], 180
- Carbon tetrachloride
 - poisoning, acute: effects of age upon healing pattern in rat liver after [Post et al.], 314
- Carcinogenesis
 - comparative [Rogers], 661
 - studies on petroleum asphalt, cooling oil, and coal tar [Hueper & Payne], 372
- Carcinoma
 - primary and metastatic, of liver: relationship to hepatic cirrhosis [Gall], 226
 - primary, of liver, with associated cirrhosis in infants and children: report of case [Jones], 5
 - squamous-cell: malignant intracranial epidermoid cyst: report of case with leptomeningeal spread [Landers & Danielski], 419
- Carcinosarcoma
 - of uterus [Tammes], 343
- Cardiovascular disease: See also Heart, disease
 - hypertensive, of dog: relation of sodium and dietary protein to ureterocaval anastomosis and ureteral ligation [Muirhead et al.], 108
- Carrageenin
 - granuloma in guinea pig and rat: effect of hydrocortisone, estradiol and mast cell depletion on [Fisher & Paar], 565
- Cecum
 - and ileum: inflammatory fibroid polyps [McGee], 203
- Cerebellum
 - malignant intracranial epidermoid cyst: report of case with leptomeningeal spread [Landers & Danielski], 419
- Chemical analysis
 - of porcine aorta homografts and normal aorta: cholesterol, phospholipid

- Chemical analysis—continued
and mineral composition [Fletcher et al.], 747
- Children
primary carcinoma of liver with associated cirrhosis in infants and [Jones], 5
- Cholesterol
-fed rabbits, effects of dietary fat supplements in: severity of atherosclerosis [McMillan et al.], 220
-fed rabbits, effects of high altitude on: production of severe pulmonary atherosclerosis with calcification [Altland & Highman], 349
production of advanced cholesterol atherosclerosis in rabbit [Constantinides et al.], 712
- Choline
-deficient rat: nuclear and nucleolar alterations in hepatic parenchymal cells of [Grisham et al.], 50
-deficient rats: effect of ethyl trichloroacetate on liver and kidneys of [Windrum & Kratzing], 156
- Cigarette smoking: See Smoking
- Cirrhosis: See Liver
- Coal tar
carcinogenic studies on petroleum asphalt, cooling oil, and [Hueper & Payne], 372
- Communicable diseases
laboratory refresher training courses: USPHA, Communicable Disease Center, Laboratory Branch, Atlanta, Ga., 391
- Conjunctiva
bulbar: hereditary benign intraepithelial dyskeratosis affecting oral mucosa and [Witkop et al.], 696
- Connective tissue: See also Mast cells
elastic fiber mass in human aorta: interferometric approach [Franca & Foraker], 216
- Cooling oil: See Oils
- Coronary vessels
lesions of intramural coronary artery branches in diabetes mellitus [Blumenthal et al.], 13
occlusion, temporary, of coronary artery in dog: myocardial necrosis induced by [Jennings et al.], 68
single coronary artery: report of anomaly occurring in woman [Ramirez], 763
- Corticosteroids
glucogenic, and regression of lymphosarcoma in rat [Thomas et al.], 441
- Cortisone
effect on regeneration of fundic mucosa in rats: autoradiographic study [Myhre], 476
- Coxsackie viruses: See Viruses
- Craniopharyngioma
squamous cell nests of pituitary gland as related to origin of: presence in newborn and infants up to age four [Goldberg & Eshbaugh], 293
- Cretinism
pituitary cytology of adult cretinoid dwarf [Cragg], 125
- Cysts
malignant intracranial epidermoid: report of case with leptomeningeal spread [Landers & Danielski], 419
radicular, and dental granulomas: development of oxytalan fibers in [Fullmer], 59
- D**
- DEATHS
Brines, Osborne A., 392, 780
Holman, Russell L., 646
Ikeda, Kano, 782
Loeb, Leo, 269
Manwaring, Wilfred H., 782
Menten, Maud L., 782
Pearce, John M., 128
Schiller, Walter, 392
- Dental granulomas: See under Granuloma
- Desoxycorticosterone acetate
submucous fibrosis of palate induced by local painting of capsaicin in Wistar rats treated with [Sirsat & Khanolkar], 180
- Diabetes mellitus
study of lesions of intramural coronary artery branches in [Blumenthal et al.], 13
- Diet
cholesterol-fed rabbits, effects of fat supplements: severity of atherosclerosis [McMillan et al.], 220
cholesterol-fed rabbits, effects of high altitude on: production of severe pulmonary atherosclerosis with calcification [Altland & Highman], 349
choline-deficient, in rats: effect of ethyl trichloroacetate on liver and kidneys [Windrum & Kratzing], 156
choline-deficient, in rats: nuclear and nucleolar alterations in hepatic parenchymal cells [Grisham et al.], 50
fat: osteoarthritis in mice fed diets enriched with animal or vegetable fat [Silberberg & Silberberg], 385
fat supplements fed to cholesterol-fed rabbits, effects of: severity of atherosclerosis [McMillan et al.], 220
influence on incidence of angiorrhesis in β -aminopropionitrile-fed rats [Merikow & Lalich], 752
methionine, excess, in rats: pancreatic damage induced by [Kaufman et al.], 331

SUBJECT INDEX TO VOLUME 70

Diet—continued

- preconditioned Wistar rats: submucous fibrosis of palate induced by local painting of capsaicin [Sirsat & Khanolkar], 171

Diethylstilbestrol

- inhibition of progress of preestablished atherosclerosis by, in rabbit [Constantinides & Gutmann-Auersperg], 35

Disease, communicable: See Communicable diseases

Dwarfism

- pituitary cytology of adult cretinoid dwarf [Cragg], 125

Dyskeratosis, hereditary benign intraepithelial: See Mucous membrane

Dysphagia

- unusual presenting symptom of "stiff-man syndrome" [Sieglar], 520

E

Elastic tissue: See Connective tissue

Embolism

- thromboembolic pulmonary arterial necrosis and arteritis in man: study of 11 autopsied cases [Meyer], 445

Emphysema

- fibrous vesicular, of lungs, and chronic biliary cirrhosis: systemic xanthomatosis [Hirsch & Bauer], 455

Encephalomyelitis

- myocarditis, adrenal cortical necrosis and, in Cocksackie B3 virus infection: distribution of lesions [Moossy & Geer], 614

Endolimax williamsi

- granuloma of brain probably due to [Kernohan et al.], 576

Epilepsy

- temporal lobe, with tumor-like astrocytosis [Oppenheim & Maeir], 338

Epithelium

- of hard palate: long-term effects of pipe smoking on: tobacco-induced epithelial proliferation [Chapman & Redish], 133
- regenerating, of large bowel: histochemical study [Foley & Wattenberg], 675

Erythrocytes

- comparison of resistance of reticulocytes and mature, to immune hemolysis: studies in guinea pig, rabbit, dog, and man [Rice & Mathies], 435

Estradiol

- and hydrocortisone: effect on histological and histochemical features of carrageenin granuloma in guinea pig and rat [Fisher & Paar], 565

Ethyl trichloroacetate

- effect, on liver and kidneys of choline-deficient rats [Windrum & Kratzing], 156

F

Fats

- animal or vegetable: osteoarthritis in mice fed diets enriched with [Silberberg & Silberberg], 385
- dietary supplements fed to cholesterol-fed rabbits, effects of: severity of atherosclerosis in [McMillan et al.], 220

Fetus

- differences in abnormal development of monozygotic twins [Gruenwald & Mayberger], 685
- penile agenesis: report of case, review of world literature, and discussion of pertinent embryology [Richart & Benirschke], 252

Fibers, oxytalan: See Oxytalan fibers

Fibrosis

- of palate, submucous, induced by local painting of capsaicin in diet-preconditioned Wistar rats [Sirsat & Khanolkar], 171
- of palate, submucous, induced by local painting of capsaicin in Wistar rats treated with desoxycorticosterone acetate [Sirsat & Khanolkar], 180
- pulmonary, interstitial: morphological aspects of [Anderson & Foraker], 79

Films

- new catalog of medical-health films: A.M.A. Motion Picture Library, 526

Fluorescence

- histiocytes, fluorescent, in sputum related to smoking [Vassar et al.], 649

Freund's adjuvant

- and its fractions: local and systemic effects of [Steiner et al.], 424
- stimulation of reticuloendothelial system in rabbit by [Rupp et al.], 43

G

Gamma globulin

- turnover of autologous and homologous labeled, in multiple myeloma [Lippincott et al.], 467

Genetics

- differences in abnormal development of monozygotic twins [Gruenwald & Mayberger], 685
- hereditary benign intraepithelial dyskeratosis: oral manifestations and hereditary transmission [Witkop et al.], 696

George T. Caldwell Award: See AWARDS

Geriatrics: See under Aging

Glucogenic corticosteroids: See Corticosteroids

Glycogen

PAS (periodic acid-Schiff)-positive structures of nonglycogenic character in normal and abnormal liver [Popper et al.], 300

Grafts and grafting: See Transplantation

Granuloma

brain: probably due to *Endolimax wiliamsi* (*Iodamoeba bütschlii*) [Kernohan et al.], 576

carrageenin, in guinea pig and rat: effect of hydrocortisone, estradiol and mast cell depletion on [Fisher & Paar], 565

dental, and radicular cysts: development of oxytalan fibers in [Fullmer], 59
fulminating Wegener's granulomatosis [Budzilovich & Wilens], 653

H

Harrison S. Martland Lecture

1st, Dr. Alan R. Moritz: Second International Meeting on Forensic Pathology and Medicine, New York, Sept. 1960, 782

Heart: See also Coronary vessels

disease, congenital: congenital anomalies associated with pulmonary hypertension in infant with [Hruban & Humphreys], 766

disease, cryptogenic, pathology: pattern in 80 cases of obscure heart failure in South African Bantu Negro [Higginson et al.], 497

infarction: See Myocardial infarct

interventricular septal defect: pulmonary vascular structure of children with [Rosenberg et al.], 141

muscle protein, distribution, in fibers of conduction system of beef heart [Immart & Helander], 730

ventricular septal defect: architecture of conduction system in congenital heart disease [Lev], 529

Hemochromatosis

secondary: its association with anemia [Kent & Popper], 623

Hemolysis

immune: comparison of resistance of reticulocytes and mature erythrocytes to: studies in guinea pig, rabbit, dog, and man [Rice & Mathies], 435

Heparin

treatment, continuous: influence on atherosclerosis in human aorta [Faber & Geill], 244

Hereditary benign intraepithelial dyskeratosis: See Mucous membrane

High altitude: See Altitude, high

Histiocytes

fluorescent, in sputum related to smoking [Vassar et al.], 649

Homografts: See Transplantation

Honors: See AWARDS

Hypertension

cardiovascular disease, hypertensive, of dog: relation of sodium and dietary protein to ureterocaval anastomosis and ureteral ligation [Muirhead et al.], 108

pulmonary, in infant: congenital anomalies associated with [Hruban & Humphreys], 766

pulmonary vascular structure of children with interventricular septal defect: comparison with physiologic studies [Rosenberg et al.], 141

I

Ileum

and cecum: inflammatory fibroid polyps [McGee], 203

Immunity: See also Antigen-antibody reactions

pyronin affinity of cytoplasm of lymphoid cells and thymocytes: experimental study in rabbits undergoing immunization [Azar], 29

Infants

congenital anomalies associated with pulmonary hypertension in [Hruban & Humphreys], 766

myocarditis, adrenal necrosis, encephalomyelitis of newborn in Cocksackie B3 virus infection: distribution of lesions [Moossy & Geer], 614

primary carcinoma of liver with associated cirrhosis in, and children [Jones], 5

squamous cell nests of pituitary gland as related to origin of craniopharyngiomas: presence in newborn and infants up to age four [Goldberg & Eshbaugh], 293

Infarction, myocardial: See Myocardial infarct

International Meeting on Forensic Pathology and Medicine

2d, New York University College of Medicine, Sept. 1960, 782

Interstitial plasma cell pneumonia: See Pneumonia, pneumocystis

Intestines

histochemical study of regenerating large bowel epithelium [Foley & Wattenberg], 675

radiation: effect of segmental intestine shielding on mortality from [Smith], 94

SUBJECT INDEX TO VOLUME 70

Iodine

effect of excessive, intake on thyroid gland of rat [Correa & Welsh], 247

Ira I. Kaplan lecture

9th annual, given by Dr. Sidney Farber: New York University School of Medicine, 392

K

Kaposi's sarcoma: See Sarcoma, Kaposi's

Keratoses

dykeratosis, hereditary benign intra-epithelial: See Mucous membrane

Kidneys

effect of ethyl trichloroacetate on liver and, of choline-deficient rats [Windrum & Kratzing], 156

in sickle cell anemia: histologic appraisal of [Bernstein & Whitten], 407
ischemia, renal, in rats: urinary excretion of alkaline phosphatase following [Luneth], 581

nephrosis, myoglobulinuric: myoglobulinuria, alcoholism and [Valaitis et al.], 195

zonal renal papillary droplet change with potassium depletion [Spargo et al.], 599

L

Laboratories

refresher training courses: USPHA, Communicable Disease Center, Laboratory Branch, Atlanta, Ga., 391

Leprosy

National Leprosy Study Center: loan collection of histologic slides, 275

Leptomeninges: See Meninges

Leukoplakia

of hard palate: tobacco-induced epithelial proliferation: long-term effects of pipe smoking [Chapman & Redish], 133

Life expectancy

intermittent radiation and life span of mice [Duhig & Warren], 486

Lipoidosis

systemic xanthomatosis: chronic biliary cirrhosis associated with fibrous vesicular emphysema of lungs [Hirsch & Bauer], 455

Liver

carcinoma, primary and metastatic: relationship to hepatic cirrhosis [Gall], 226

carcinoma, primary, with associated cirrhosis in infants and children [Jones], 5

cirrhosis, chronic biliary, and fibrous vesicular emphysema of lungs: systemic xanthomatosis [Hirsch & Bauer], 455

Liver—continued

cirrhosis, concomitant, with primary carcinoma of liver in infants and children [Jones], 5

effect of ethyl trichloroacetate on kidneys and, of choline-deficient rats [Windrum & Kratzing], 156

in aging process: histology [Carr et al.], 1

nuclear and nucleolar alterations in hepatic parenchymal cells of choline-deficient rat: volume changes [Grisham et al.], 50

PAS (periodic acid-Schiff)-positive structures of nonglycogenic character in normal and abnormal [Popper et al.], 300

responses of, to injury: effects of age upon healing pattern after acute carbon tetrachloride poisoning [Post et al.], 314

and spleen in anemia of tumor-bearing hamster [Friedell et al.], 363

Louis Gross Memorial Lecture

2d annual, delivered by Dr. Bruce Cruickshank, 275

Lungs

atherosclerosis, severe, with calcification, production of: effects of high altitude on cholesterol-fed rabbits [Altland & Highman], 349

carcinogenic studies on petroleum asphalt, cooling oil, and coal tar [Hueper & Payne], 372

emphysema, fibrous vesicular, and chronic biliary cirrhosis: systemic xanthomatosis [Hirsch & Bauer], 455

fibrosis, interstitial pulmonary: morphological aspects of [Anderson & Foraker], 79

hypertension, pulmonary, in infant: congenital anomalies associated with [Hruban & Humphreys], 766

pathologic anatomy of bronchial tree and: methods used for cooperative study [Reimann], 757

response, pulmonary, to tuberculin [Gross et al.], 233

vascular structure of children with interventricular septal defect [Rosenberg et al.], 141

Lymphocytes

-depleted rabbits: plasma cell maturation in Arthus lesions of [McGregor et al.], 592

Lymphoid tissue

pyronin affinity of cytoplasm of lymphoid cells and thymocytes in rabbits undergoing immunization [Azar], 29

Lymphosarcoma

glucogenic corticosteroids and regression of, in rat [Thomas et al.], 441

M

- Markle scholars in medical science pathologists, 128
- Mast cells
depletion: effect on histological and histochemical features of carrageenin granuloma in guinea pig and rat [Fisher & Paar], 565
- Medals: See AWARDS
- Meninges
malignant intracranial epidermoid cyst: report of case with leptomeningeal spread [Landers & Danielski], 419
- Metaplasia
in tracheobronchial tree: air-flow as etiologic factor in [Hilding], 550
- Methionine
in diet, excess, pancreatic damage induced by: experimental study in rats [Kaufman et al.], 331
- Microscopy
interferometric approach to study of elastic fiber mass in human aorta [Franca & Foraker], 216
optical and electron: submucous fibrosis of palate induced by local painting of capsaicin in diet-preconditioned Wistar rats [Sirsat & Khanolkar], 171
optical and electron: submucous fibrosis of palate induced by local painting of capsaicin in Wistar rats treated with desoxycorticosterone acetate [Sirsat & Khanolkar], 180
- Morris L. Parker Award: See AWARDS
- Mouth
oral manifestations and hereditary transmission of hereditary benign intraepithelial dyskeratosis [Witkop et al.], 696
- Mucormycosis
report on 22 cases [Neame & Rayner], 261
- Mucous membrane
hereditary benign intraepithelial dyskeratosis: oral manifestations and hereditary transmission [Witkop et al.], 696
- Myeloma
multiple: turnover of autologous and homologous labeled gamma-globulin in [Lippincott et al.], 467
- Myocardial infarct
myocardial necrosis induced by temporary occlusion of coronary artery in dog [Jennings et al.], 68
- Myocarditis
encephalomyelitis, adrenal cortical necrosis and, in Coxsackie B3 virus infection: distribution of lesions [Moossy & Geer], 614

- Myoglobulinuria
myoglobinuric nephrosis, alcoholism and [Valaitis et al.], 195
- Myosin
distribution of muscle protein in fibers of conduction system of beef heart [Emmart & Helander], 730

N

- National Cancer Conference of American Cancer Society
4th, Minneapolis, Sept. 1960, 392
- National Leprosy Study Center
loan collection of histologic slides, 275
- National Tuberculosis Association
American Thoracic Society: applications for research grants in tuberculosis, 646
- Necropsies: See Autopsies
- Negroes
cryptogenic heart disease: pathological pattern in 80 cases of obscure heart failure in South African Bantu [Higginson et al.], 497
siderosis in Bantu: combined histopathological and chemical study [Bothwell & Bradlow], 279
- Neoplasms: See Cancer; Carcinogenesis; Carcinoma; Lymphosarcoma; Polypi; Sarcoma; Tumors
- Nephrosis
myoglobinuric, myoglobulinuria and alcoholism [Valaitis et al.], 195
- Nervous system
central: encephalomyelitis, myocarditis and adrenal cortical necrosis in Coxsackie B3 virus infection: distribution of lesions [Moossy & Geer], 614
central: silver stain for fresh tissues of [Stinson], 328
- Newborn infants: See under Infants
- NEWS AND COMMENT, 128, 275, 391, 645, 782
- O**
- Oils
cooling oil: carcinogenic studies on petroleum asphat, coal tar, and [Hueper & Payne], 372
- Organs of Zuckerkandl
malignant pheochromocytoma of [Isaacson et al.], 725
- Osteoarthritis
in mice fed diets enriched with animal or vegetable fat [Silberberg & Silberberg], 385
- Oxytalan fibers
in dental granulomas and radicular cysts: development of [Fullmer], 59

P

Palate

- epithelium of hard palate: tobacco-induced epithelial proliferation in: long-term effects of pipe smoking [Chapman & Redish], 133
- fibrosis, submucous, induced by local painting of capsaicin in diet-preconditioned Wistar rats [Sirsat & Khanolkar], 171
- fibrosis, submucous, induced by local painting of capsaicin in Wistar rats treated with desoxycorticosterone acetate [Sirsat & Khanolkar], 180

Pancreas

- damage, pancreatic, induced by excess methionine: experimental study in rats [Kaufman et al.], 331
- symposium on: Endicott House, Dedham, Mass., May 1960, 645

Pathology

- American textbooks of pathology (editorial) [Long], 647

Penis

- penile agenesis: report of case, review of world literature, and discussion of pertinent embryology [Richart & Benirschke], 252

Petroleum asphalt: See Asphalt

Pheochromocytoma

- malignant, of organs of Zuckerkandl [Isaacson et al.], 725

Pipe smoking: See Smoking

Pituitary gland

- cytology of adult cretinoid dwarf [Cragg], 125
- squamous cell nests of, as related to origin of craniopharyngiomas: presence in newborn and infants up to age four [Goldberg & Eshbaugh], 293

Plasma cells

- maturation in Arthus lesions of lymphocyte-depleted rabbits [McGregor et al.], 592

Pneumonia

- pneumocystis: observations on case of [McNeal & Yaeger], 397

Polypi

- fibroid, inflammatory, of ileum and cecum [McGee], 203

Porphobilinogen

- in fresh postmortem tissues from case of acute intermittent porphyria [Smith], 361

Porphyria

- acute intermittent: porphobilinogen in fresh postmortem tissues from case of [Smith], 361

Potassium

- depletion: zonal renal papillary droplet change with [Spargo et al.], 599

Pregnancy

- differences in abnormal development of monozygotic twins [Gruenwald & Mayberger], 685

Prizes: See AWARDS

Pulmonary tuberculosis: See Tuberculosis, Pulmonary

Pyronin

- affinity of cytoplasm of lymphoid cells and thymocytes: in rabbits undergoing immunization [Azar], 29

R

Radiation

- intermittent, and life span of mice [Duhig & Warren], 486
- intestinal: effect of segmental intestine shielding on mortality from [Smith], 94

Respiration

- air-flow as etiologic factor in metaplasia in tracheobronchial tree [Hilding], 550

Reticulocytes: See Erythrocytes

Reticuloendothelial system: See also Lymphoid tissue

- stimulation of, in rabbit by Freund's adjuvant [Rupp et al.], 43

Richard H. Jaffe Memorial Lecture

- presented by Dr. Edith L. Potter, 128

S

Salivary glands

- mixed tumor, salivary gland type, of deep fascial region of thigh [Dutra], 562

Sarcoma

- Kaposi's: visceral [Anthony & Kone-man], 740
- spleen and liver in anemia of tumor-bearing hamster [Friedell et al.], 363

Scholarships

- Markle scholars in medical science: pathologists, 128

Senescence: See Aging

Serum proteins: See Blood proteins

Sickle cell anemia: See Anemia, sickle cell

Siderosis

- in Bantu: combined histopathological and chemical study [Bothwell & Bradlow], 279

Skin

- carcinogenic studies on petroleum asphalt, cooling oil, and coal tar [Hueper & Payne], 372
- wounds in rats receiving beta-amino-propionitrile: histochemical studies of [Krikos & Orbison], 188

Smoking

fluorescent histiocytes in sputum related to smoking (cigarette) [Vassar et al.], 649

pathologic anatomy of bronchial tree and lungs: relation to smoking [Reimann], 757

tobacco-induced epithelial proliferation in human subject: long-term effects of pipe smoking on epithelium of hard palate [Chapman & Redish], 133

Southeastern States Cancer Seminar for Physicians

10th biennial: Orlando, Fla., Nov. 1960, 392

Spleen

and liver in anemia of tumor-bearing hamster [Friedell et al.], 363

Sputum

fluorescent histiocytes in, related to smoking [Vassar et al.], 649

Stains and staining

PAS (periodic acid-Schiff)-positive structures of nonglycogenic character in normal and abnormal liver [Popper et al.], 300

silver stain for fresh tissues of nervous system [Stinson], 328

"Stiff-man syndrome"

dysphagia—unusual presenting symptom of [Sieglar], 520

Stilbestrol: See Diethylstilbestrol

Stomach

fundic mucosa, regeneration, in rats: autoradiographic study on effect of cortisone [Myhre], 476

Symposium on pancreas

Endicott House, Dedham, Mass., May 1960, 645

T

Tar, coal: See Coal tar

Temporal lobe

epilepsy with tumor-like astrocytosis [Oppenheim & Maeir], 338

Teratology Society

new society, 526

Textbooks

American textbooks of pathology (editorial) [Long], 647

Thigh

mixed tumors, salivary gland type, of deep fascial region of [Dutra], 562

Thromboembolism

pulmonary arterial necrosis and arteritis in man: study of 11 autopsied cases [Meyer], 445

Thymocytes

and lymphoid cells, pyronin affinity of cytoplasm, in rabbits under immunization [Azar], 29

Thyroid gland

effect of excessive iodine intake on thyroid gland of rat [Correa & Welsh], 247

Tissues: See also Connective tissue; Epithelium; Lymphoid tissue

carcinogenic studies on petroleum asphalt, cooling oil, and coal tar [Hueper & Payne], 372

porphobilinogen in fresh postmortem tissues from case of acute intermittent porphyria [Smith], 361

silver stain for fresh tissues of nervous system [Stinson], 328

Tobacco

fluorescent histiocytes in sputum related to smoking (cigarette) [Vassar et al.], 649

-induced epithelial proliferation in human subject: long-term effects of pipe smoking on epithelium of hard palate [Chapman & Redish], 133

pathologic anatomy of bronchial tree and lungs: relation to smoking [Reimann], 757

Tracheobronchial tree

metaplasia in: air-flow as etiologic factor [Hilding], 550

Transplantation

analyses of porcine aorta homografts and of normal aorta: cholesterol, phospholipid and mineral composition [Fletcher et al.], 747

heterologous intracerebral, of human brain tumors [Miyawaki & Ishii], 508

Trudeau medal: See AWARDS

Tuberculin

pulmonary response to [Gross et al.], 233

Tuberculosis, Pulmonary

regression of atherosclerosis in: human aorta [Eilersen & Faber], 103

Tumors

brain, human: heterologous intracerebral transplantation of [Miyawaki & Ishii], 508

mixed, salivary gland type, of deep fascial region of thigh [Dutra], 562
spleen and liver in anemia of tumor-bearing hamster [Friedell et al.], 363
tumor-like astrocytosis: temporal lobe epilepsy with [Oppenheim & Maeir], 338

Twins

monozygotic: differences in abnormal development of [Gruenwald & Mayberger], 685

U

U.S. Public Health Service. Bureau of State Services. Communicable Disease Center.

*SUBJECT INDEX TO VOLUME 70

U.S. Public Health Service—continued
laboratory refresher training courses,
Atlanta, Ga., 391

Ureters

relation of sodium and dietary protein
to ureterocaval anastomosis and ure-
teral ligation in hypertensive cardio-
vascular disease [Muirhead et al.],
108

Urine

alkaline phosphatase, urinary excretion,
following renal ischemia in rats [Lun-
seth], 581
porphobilinogen in fresh postmortem tis-
sues from case of acute intermittent
porphyria [Smith], 361

Uterus

carcinosarcoma of [Tammes], 343
normal [Notes], 643

V

Viruses

Coxsackie B3 virus infection: encephalo-
myelitis, myocarditis and adrenal
cortical necrosis in: distribution of
lesions [Moossy & Geer], 614

W

Wegener's granulomatosis: See under
Granuloma

X

Xanthomatosis: See Lipoidosis

Z

Zuckerkandl's organs

malignant pheochromocytomas of [Isaac-
son et al.], 725